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**TVB DB and System Usage Analysis Report Jan, 2015**

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# Summary

## Purpose

DB and System Usage Analysis to find potential issue and current Sonaps system usage status by database + instance + software log + Sonaps system running data + Hitachi storage running data and provide suggestion plan to resolve issues, bottom neck to optimize system performance.

## Scope

- Oracle Database

- Sonaps DB instance

- Sonaps log

- Sonaps system running data

- Hitachi storage running data

## Project Information

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Project Name** | **City** | **Country** | **Start Date** | **Version** |
| TVB | HongKong | China | Sep/2013 | SonapsV5.4.1 |

## System Information

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Material Server** | | **Ingest** | **Database** | **Editor** | | **Playout Server** | **Other** | |
| Format | Storage | SDI Ingest | Oracle | Craft | Proxy | Studio | NRCS |
| HD50 | Hitachi | HD x 28 | Cluster | 34 | 150 | 6 | ENPS |

## Detailed Schedule

|  |  |
| --- | --- |
| 2014.12.29-2015.1.9 | On site info collection(DB, Log, System and Storage Usage Data) |
| 2014.12.31-2014.1.2 | DB running data analysis |
| 2014.12.31-2014.1.2 | MOS traffic analysis |
| 2014.1.5-2014.1.7 | Table, Index, Sequence, Tablespace status analysis |
| 2014.1.5-2014.1.9 | DB accessing based on application logs analysis |
| 2014.1.5-2014.1.5 | EDL-Executor usage analysis |
| 2014.1.6-2014.1.6 | Playout transfer usage analysis |
| 2014.1.7-2014.1.7 | Transform usage analysis |
| 2014.1.8-2014.1.8 | Central storage usage analysis |
| 2014.1.9-2014.1.9 | System total task analysis |
| 2014.1.12-2014.1.15 | Producing analysis report |

# Database

## Tables

Sonaps has 334 tables. The data of following tables are exceed 1,000,000

|  |  |  |
| --- | --- | --- |
| Table | Tablespace | Rows |
| DBP\_MATERIAL | SONAPS\_SPACE | 2414195 |
| DBP\_MATERIAL\_AUDIO | SONAPS\_SPACE | 24791487 |
| DBP\_MATERIAL\_VIDEO | SONAPS\_SPACE | 3104480 |
| DBP\_TASK\_METADATA | SONAPS\_SPACE | 3008326 |
| ET\_MATERIALIDHISTORY | SONAPS\_SPACE | 1702720 |

Detailed information refer to Appendix part 1 "Detailed data Information in DB"

|  |
| --- |
| Analysis result |
| 1. Data in table ET\_MATERIALIDHISTORY will be stable in a range. There will be no big changes in this table.  2. Following tables can be clean up.  DBP\_MATERIAL\_AUDIO  DBP\_MATERIAL\_VIDEO  DBP\_MATERIAL   1. After cleaning the three table, database accessing efficiency for Ingesting module will be improved. |
| Action |
| 1. Make sure no ingest and import tasks are running. 2. Stop IMS application 3. Clean table by "truncate table" command.   For example "truncate table DBP\_MATERIAL\_AUDIO"   1. IBG will support this activity remotely. |

## Database Table Accessing Speed Result

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Tables | Rows | Random access time 3 times | | |
| ET\_OBJECT | 81835 | 00:38.69 | 00:00.70 | 00:00.67 |
| ET\_CLIPINFO | 63976 | 00:10.97 | 00:00.10 | 00:00.10 |
| ET\_CLIPORIGINALMETADATA | 31468 | 00:09.07 | 00:00.09 | 00:00.09 |
| DBP\_TASK | 205204 | 00:05.65 | 00:00.05 | 00:00.05 |
| DBP\_NEWIMPORT\_CLIP | 14 | 00:05.02 | 00:00.04 | 00:00.16 |
| ET\_COMMONGWTASK | 90 | 00:04.49 | 00:00.07 | 00:00.08 |
| ET\_PLANNING | 2394 | 00:04.39 | 00:00.15 | 00:00.17 |
| ET\_INGESTMETADATA | 56341 | 00:03.26 | 00:00.05 | 00:00.05 |
| ET\_CLIPFILE | 765118 | 00:02.72 | 00:00.03 | 00:00.02 |
| DBP\_MATERIAL | 3104480 | 00:02.55 | 00:00.02 | 00:00.02 |
| ET\_PGMMASTER | 12305 | 00:02.21 | 00:00.03 | 00:00.04 |
| ET\_COMMONGWSITE | 35 | 00:01.80 | 00:00.03 | 00:00.03 |
| ET\_DELETEBACKUP | 473 | 00:01.21 | 00:00.17 | 00:00.02 |
| ET\_MAMHISTORYTASK | 2406 | 00:01.11 | 00:00.01 | 00:00.02 |

Detailed information refer to Appendix part 2 "Accessing speed Information in DB"

|  |
| --- |
| Analysis result |
| After random accessing speed test, above tables cost more than 1 second.   1. Random accessing will scan whole table so that speed will be low. 2. Index can avoid this kind whole table scanning. 3. The way of database accessing for Sonaps applications are developed based on index query. 4. All these tables have related indexes to ensure the accessing speed. |
| Action |
| No |

## Indexes

In Sonaps V5.4.1 has 490 indexes and checked all the index status

Detailed information refer to Appendix part 3 "Detailed Index Information in DB"

|  |
| --- |
| Analysis result |
| The Status of index in Sonaps Instance are normal and no broken index |
| Action |
| No |

## Sequences

Sonaps has 88 sequences

|  |
| --- |
| Analysis result |
| All sequences status are normal |
| Action |
| No |

## TableSpace

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Tablespace | File Name | Status | Size(MB) | Used(MB) | Used(%) | Auto Extend |
| SYSAUX | +DATA/sonaps/datafile/sysaux.262.808334473 | ONLINE | 830.000 | 64.91 | 94.52 | YES |
| SYSTEM | +DATA/sonaps/datafile/system.261.808334469 | SYSTEM | 700.000 | 570.625 | 81.52 | YES |
| UNDOTBS1 | +DATA/sonaps/datafile/undotbs01.808334485 | ONLINE | 610.000 | 20.000 | 3.28 | YES |
| UNDOTBS2 | +DATA/sonaps/datafile/undotbs2.265.808334485 | ONLINE | 610.000 | 17.438 | 2.86 | YES |
| USERS | +DATA/sonaps/datafile/users.266.808334485 | ONLINE | 43.750 | 6.750 | 15.43 | YES |
| TEMP | +DATA/sonaps/tempfile/temp.264.808334475 | ONLINE | 266.000 | 0.000 | 0.00 | YES |
| SONAPS\_SPACE | +DATA/sonaps\_space | ONLINE | 18396.000 | 17212.000 | 93.56 | YES |

|  |
| --- |
| Analysis result |
| SONAPS\_SPACE just has one datafile (used 17GB). Although the file already set to auto extended, but one data file maximum size is 32GB. |
| Action |
| 1. Add one more datafile to SONAPS\_SPACE and set to auto extended 2. IBG will support the database configuration change. |

## Initialized Parameters

## Database Parameters

We checked all the database parameters, no incorrect setting be found.

|  |
| --- |
| Analysis result |
| Database Parameter configured correctly |
| Action |
| No |

## Instance SGA

Current SonapsDB instance SGA size is 6432MB.

|  |
| --- |
| Analysis result |
| Current SonapsDB SGA size is reasonable base on physical memory |
| Action |
| No |

## Redo log Group

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Status | Group | # of Members | Thread | Archived | Size (K) |
| Active | 1 | 1 | 1 | Yes | 102400 |
| Current | 2 | 1 | 1 | No | 102400 |
| Inactive | 3 | 1 | 1 | Yes | 102400 |
| Inactive | 10 | 1 | 2 | Yes | 102400 |
| Active | 11 | 1 | 2 | Yes | 102400 |
| Current | 12 | 1 | 2 | No | 102400 |

|  |
| --- |
| Analysis result |
| Redo log size and status are correct. |
| Action |
| No |

## Database Running Status

|  |  |  |
| --- | --- | --- |
| Session Information (average) | | |
| Name | Type | Value |
| java\_max\_sessionspace\_size | integer | 1 |
| java\_soft\_sessionspace\_limit | integer | 0 |
| license\_max\_sessions | integer | 1 |
| license\_sessions\_warning | integer | 0 |
| session\_cached\_cursors | integer | 50 |
| session\_max\_open\_files | integer | 10 |
| sessions | integer | 472 |
| shared\_server\_sessions | integer |  |

|  |  |  |
| --- | --- | --- |
| Process Information | | |
| Name | Type | Value |
| aq\_tm\_processes | integer | 1 |
| cell\_offload\_processing | boolean | TRUE |
| db\_writer\_processes | integer | 1 |
| gcs\_server\_processes | integer | 2 |
| global\_txn\_processes | integer | 1 |
| job\_queue\_processes | integer | 1000 |
| log\_archive\_max\_processes | integer | 4 |
| processes | integer | 300 |
| processor\_group\_name | string |  |

|  |
| --- |
| Analysis result |
| Monitoring DB connection (sessions ,process information), no unusual accessing existed |
| Action |
| No |

## Database Cluster Running Status

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Target | State | Server | State details |
| Local Resource |  |  |  |  |
| ora.ARCH.dg | ONLINE | ONLINE | tvb-rac1 |  |
|  | ONLINE | ONLINE | tvb-rac2 |  |
| ora.DATA.dg | ONLINE | ONLINE | tvb-rac1 |  |
|  | ONLINE | ONLINE | tvb-rac2 |  |
| ora.LISTENER.lsnr | ONLINE | ONLINE | tvb-rac1 |  |
|  | ONLINE | ONLINE | tvb-rac2 |  |
| ora.RAC.dg | ONLINE | ONLINE | tvb-rac1 |  |
|  | ONLINE | ONLINE | tvb-rac2 |  |
| ora.asm | ONLINE | ONLINE | tvb-rac1 | Started |
|  |  |  | tvb-rac2 | Started |
| ora.gsd | OFFLINE | OFFLINE | tvb-rac1 |  |
|  | OFFLINE | OFFLINE | tvb-rac2 |  |
| ora.net1.network | ONLINE | ONLINE | tvb-rac1 |  |
|  | ONLINE | ONLINE | tvb-rac2 |  |
| ora.ons | ONLINE | ONLINE | tvb-rac1 |  |
|  | ONLINE | ONLINE | tvb-rac2 |  |
| ora.registry.acfs | ONLINE | ONLINE | tvb-rac1 |  |
|  | ONLINE | ONLINE | tvb-rac2 |  |
|  |  |  |  |  |
| Cluster Resources |  |  |  |  |
| ora.LISTENER\_SCAN1.lsnr | ONLINE | ONLINE | tvb-rac2 |  |
| ora.LISTENER\_SCAN2.lsnr | ONLINE | ONLINE | tvb-rac1 |  |
| ora.LISTENER\_SCAN3.lsnr | ONLINE | ONLINE | tvb-rac1 |  |
| ora.aistvb.db | OFFLINE | OFFLINE |  | Instance Shutdown |
|  | OFFLINE | OFFLINE |  | Instance Shutdown |
| ora.cvu | OFFLINE | OFFLINE |  |  |
| ora.oc4j | ONLINE | ONLINE | tvb-rac1 |  |
| ora.scan1.vip | ONLINE | ONLINE | tvb-rac2 |  |
| ora.scan2.vip | ONLINE | ONLINE | tvb-rac1 |  |
| ora.scan3.vip | ONLINE | ONLINE | tvb-rac1 |  |
| ora.sonaps.db | ONLINE | ONLINE | tvb-rac2 | Open |
|  | ONLINE | ONLINE | tvb-rac1 | Open |
| ora.tvb-rac1.vip | ONLINE | ONLINE | tvb-rac1 |  |
| ora.tvb-rac2.vip | ONLINE | ONLINE | tvb-rac2 |  |

|  |
| --- |
| Analysis result |
| 1. Oracle cluster running data are normal 2. AISTVB instance status was shutdown due to save DB resources. |
| Action |
| 1. IBG will deliver a better database monitoring solution for TVB system. 2. IBG will support the monitoring tool installation. |

## Database Accessing Analysis Base on Sonaps Log

|  |  |
| --- | --- |
| Database accessing speed based on logs of Ingest and MPC | |
| Reading data time cost (average) | Writing data time cost (average) |
| 0.5 - 1.5 seconds | 0.5 - 2.5 seconds |

|  |
| --- |
| Analysis result |
| 1. No DB accessing error in log 2. DB accessing time cost is normal |
| Action |
| No |

# System Usage

### System Task workload Analysis

Task quantity

Time

|  |
| --- |
| Analysis result |
| 1. Current background servers (Transform, EDL, Transfer servers) is enough for TVB news production. 2. System task keep increasing from 15:00. 3. 18:00-19:00 is peak time, total task number is around 350. |
| Action |
| Onsite engineer should be standby to monitor during the peak time. |

### MOS Traffic Analysis

29-Dec

Mos message

Time

Mos message

30-Dec

Time

Mos message

31-Dec

Time

|  |
| --- |
| Analysis result |
| 1. 17:00-19:00 is busiest time of rundown operation 2. The capacity of MOS communication message is much more than any other system module. |
| Action |
| Considering TVB actual usage scenario, suggest to keep StorySend feature enabled only for Pool rundown and disable StorySend feature for on-air rundown to reduce the MOS communication workload.  By this way, MOS communication efficiency can be improved. (Sobey onsite engineer will double check ENPS configuration first) |

### EDL-Executor and Transform Usage Analysis

|  |  |  |  |
| --- | --- | --- | --- |
| Server | Task quantity | | |
| 29 Dec | 30 Dec | 31 Dec |
| EDL1 | 14 | 19 | 337 |
| EDL2 | 4 | 6 | 94 |
| EDL3 | 1 | 2 | 0 |
| EDL4 | **0** | 1 | 19 |
| EDL5 | **0** | **0** | 4 |
| EDL6 | **0** | **0** | **0** |
| EDL7 | 84 | 320 | 1 |
| EDL8 | 325 | 84 | 1 |

|  |  |  |  |
| --- | --- | --- | --- |
| Server | Task quantity | | |
| 29 Dec | 30 Dec | 31 Dec |
| Transform1 | 177 | 198 | 258 |
| Transform2 | 100 | 120 | 138 |
| Transform3 | 413 | 428 | 16 |
| Transform4 | 22 | 42 | 37 |
| Transform5 | 10 | 24 | 22 |
| Transform6 | 15 | 19 | 15 |
| Transform7 | 45 | 64 | 83 |
| Transform8 | 259 | 307 | 10 |

|  |
| --- |
| Analysis result |
| 1. Maximum number of simultaneous rendering task is 5-7 2. Maximum number of simultaneous transcoding task is 8 3. Rendering task didn't occupy all EDL-Executor 4. Transcoding task occupied all Transform |
| Action |
| 1. Add two more Transform application on two EDL-Executor which are running in exclusive mode to utilize EDL hardware resource.  2. Set these two EDL-Executor application priority to lowest at MPC Task console after every time application restarted.  3. In case of any bottleneck happen, onsite engineer need to turn up the priority for those two EDL-Executor when the EDL-Executor is not enough. |

### Playout Transfer Usage Analysis

|  |  |  |
| --- | --- | --- |
| Date | Transfer Information | |
| Quantity of simultaneous task in busiest time | Occupancy rate of total transfer servers |
| 9-Jan | 12 ~ 34 | 60% - 170% |
| 12-Jan | 7 ~ 24 | 35% - 120% |
| 13-Jan | 12 ~ 20 | 60% - 100% |

|  |
| --- |
| Analysis result |
| 1. Maximum number of simultaneous transferring task is 20 – 34, which is 100% - 170% of total number of transfer servers. 2. Transferring task occupied all transfer servers in system busiest time. 3. Current transfer server count is not enough to satisfy timeliness of news production in peak time, but due to Omneon bandwidth, current system can’t add more transfer service. (Currently no report from customer about transfer delay) |
| Action |
| No. |

### Storage Usage Analysis

### Each Folder Occupied Space Status

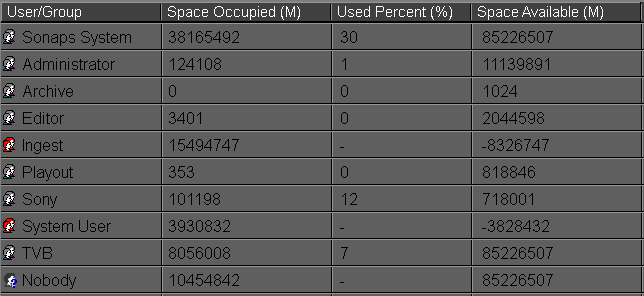
|  |  |  |  |
| --- | --- | --- | --- |
| **W Drive** | **Total space 12.5 TB** | | **Free space 6.7 TB** |
| Folder | | Size | |
| COMPILEOUT | | 5.41 TB | |

|  |  |  |  |
| --- | --- | --- | --- |
| **X Drive** | **Total space 50.2 TB** | | **Free space 10.2 TB** |
| Folder | | Size | |
| CG | | 0 GB | |
| CopyClip | | 581 GB | |
| HA | | 173 MB | |
| HV | | 18.6 TB | |
| Ingest | | 4.7 TB | |
| KamatakiProxyImport | | 0 GB | |
| Ml to OA | | 0 GB | |
| MPC\_XML\_Path | | 0 GB | |
| Otc | | 0 GB | |
| SwapTempPath | | 0 GB | |
| TranscodeOUT | | 2.5 TB | |
| TRANSFER | | 0 GB | |
| XpriNS | | 9.7 TB | |

|  |  |  |  |
| --- | --- | --- | --- |
| **Z Drive** | **Total space 5.49 TB** | | **Free space 1.96 TB** |
| Folder | | Size | |
| ArchiveKeyFrame | | 37.5 MB | |
| ClipBitMap | | 44.4 MB | |
| CommonGW | | 0 GB | |
| E7NewsInfo | | 296 GB | |
| From MBE | | 282 GB | |
| ICON | | 55 GB | |
| ingest file file import | | 0 GB | |
| INGESTICON | | 0 GB | |
| LA | | 179 MB | |
| LOG | | 263 GB | |
| LV | | 737 GB | |
| Otc | | 0 GB | |
| PAD | | 0 GB | |
| ProxyGUI | | 0 GB | |
| Reaturs | | 2.94 GB | |
| SEPWin64 | | 103 MB | |
| shar folder | | 7.03 GB | |
| snapshot | | 2.08 GB | |
| SWAPTEMPPATH | | 0 GB | |
| Template | | 52.6 MB | |
| TO MBE | | 245 GB | |
| ToMain | | 19.80 GB | |
| toMBE\_Temp | | 172 GB | |
| TRANSCODEOUTLOW | | 94 GB | |
| XDA | | 0.00 GB | |
| XpriNS | | 274 GB | |

|  |
| --- |
| Analysis result |
| 1. XDCAM import will create cache files in X drive 2. Folder "Z:\From MBE" is too huge 3. Folder "Z:\To MBE" is too huge 4. Folder "Z:\toMBE\_Temp" is too huge 5. Folder "Z:\LOG" is too huge 6. Folder "Z:\TRANSCODEOUTLOW" is too huge |
| Action |
| 1. Run "XDCAM Cache Cleaner.exe" periodically for XDCAM import cache files deletion  2. Confirm what content in folder Z:\From MBE (failed clips or temporary files), IBG will consider the solution to clean up expired files after confirmed.  3. Confirm what content in folder Z:\To MBE (failed clips or temporary files), IBG will consider the solution to clean up expired files after confirmed.  4. Confirm what content in folder Z:\toMBE\_Temp (failed clips or temporary files), IBG will consider the solution to clean up expired files after confirmed.  5. Please move folder Z:\LOG from central storage to other location periodically.  6. Confirm what content in folder Z:\TRANSCODEOUTLOW, if the clips in this folder will not be used any longer, please clean this folder.  7. Use Sonaps Compare Tool to clean the orphan files in storage.  8. IBG will make detailed plan to do this job. |

### Space Status in Net Manager



|  |
| --- |
| Analysis result |
| 1. Sonaps System node occupied 36 TB, it's different with physical folder size 2. "Nobody" occupied about 10 TB |
| Action |
| 1. Use "Adjust The User Space" for each group's users (Please note, after adjust, if user space exhaust, this use cannot do any operation in XpriNS. Need extend the space assignment) IBG will do this job.  2. Ask XpriNS user to delete and purge useless project. |

### Storage bandwidth usage

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Date | Time | Random Read Speed (average) | Sequential Read Speed (average) | Sequential Write Speed (average) |
| Jan 5th | 16:42 - 17:42 | 368 Mbps | 1552 Mbps | 1240 Mbps |
| Jan 6th | 18:15 - 19:15 | 632 Mbps | 2704 Mbps | 1776 Mbps |
| Jan 7th | 15:06 - 16:06 | 432 Mbps | 1848 Mbps | 1648 Mbps |

|  |
| --- |
| Analysis result |
| 1. The theoretical maximum bandwidth of TVB system is 15636 Mbps. 2. The theoretical maximum bandwidth of Hitachi storage is 15670 Mbps. 3. For Hitachi storage, we can only collect instantaneous value of read and write speed, which can’t reach the maximum bandwidth of TVB system, therefore the actual bandwidth usage of three days’ data collection is lower than theoretical maximum bandwidth of TVB system. 4. When TVB system is running with full load, the actual bandwidth will approach the theoretical maximum bandwidth of TVB system, which is 99% of the theoretical maximum bandwidth of Hitachi storage. |
| Action |
| No. |

# .Appendix

## IBG Action List

|  |  |
| --- | --- |
| **Index** | **Action** |
| **2.1 Tables** | Clean table by "truncate table" command |
| **2.5 Tablespace** | Add data file for SONAPS\_SPACE |
| **2.8 Database Cluster Running Status** | Support monitoring tool installation |
| **3.3 MOS Traffic Analysis** | Check ENPS configuration of StorySend |
| **3.4 EDL-Executor and Transform Usage Analysis** | Configure Transform application on two EDL-Executor and adjust their priority. |
| **3.6.1 Each Folder Occupied Space Status** | 1. Consider solution to clean up expired files. 2. Move folder Z:\LOG from central storage to other location periodically. 3. Clean up orphan files by Sonaps compare tool. 4. Clean XDCAM cache file periodically. |
| **3.6.2 Space Status in Net Manager** | Use "Adjust The User Space" for each group's users |

## 4.2 Detailed Data Information in DB

|  |  |  |
| --- | --- | --- |
| Table | Tablespace | Rows |
| CLIENTINFO | SONAPS\_SPACE | 0 |
| CLIENTINFO\_REMOTE | SONAPS\_SPACE | 0 |
| DBP\_ARCHIVETYPE | SONAPS\_SPACE | 0 |
| DBP\_AUDIOTYPE | SONAPS\_SPACE | 3 |
| DBP\_CAPTURECHANNELS | SONAPS\_SPACE | 28 |
| DBP\_CAPTUREDEVICE | SONAPS\_SPACE | 28 |
| DBP\_CAPTUREPARAMTEMPLATE | SONAPS\_SPACE | 1 |
| DBP\_CARRIERES | SONAPS\_SPACE | 0 |
| DBP\_CHANNELGROUPMAP | SONAPS\_SPACE | 0 |
| DBP\_CHANNEL\_RECMAP | SONAPS\_SPACE | 28 |
| DBP\_CHN\_EXTENDDATA | SONAPS\_SPACE | 28 |
| DBP\_DEV\_CONN | SONAPS\_SPACE | 3 |
| DBP\_GLOBAL | SONAPS\_SPACE | 24 |
| DBP\_GLOBAL\_PROGRAM | SONAPS\_SPACE | 0 |
| DBP\_GLOBAL\_STATE | SONAPS\_SPACE | 5 |
| DBP\_GPI\_INFO | SONAPS\_SPACE | 1 |
| DBP\_GPI\_MAP | SONAPS\_SPACE | 0 |
| DBP\_IMPORT\_TASK | SONAPS\_SPACE | 731512 |
| DBP\_IP\_DATACHANNELINFO | SONAPS\_SPACE | 1 |
| DBP\_IP\_DEVICE | SONAPS\_SPACE | 1 |
| DBP\_IP\_PROGRAMME | SONAPS\_SPACE | 0 |
| DBP\_IP\_VIRTUALCHANNEL | SONAPS\_SPACE | 0 |
| DBP\_LEVELRELATION | SONAPS\_SPACE | 512 |
| DBP\_LOG\_ACTION | SONAPS\_SPACE | 0 |
| DBP\_LOG\_EVENT | SONAPS\_SPACE | 0 |
| DBP\_LOG\_FOLDER | SONAPS\_SPACE | 0 |
| DBP\_LOG\_LANGUAGEINFO | SONAPS\_SPACE | 0 |
| DBP\_LOG\_LANGUAGEMAP | SONAPS\_SPACE | 0 |
| DBP\_LOG\_MEMBER | SONAPS\_SPACE | 0 |
| DBP\_LOG\_MONITOR | SONAPS\_SPACE | 0 |
| DBP\_LOG\_OBJECT | SONAPS\_SPACE | 3 |
| DBP\_LOG\_SCENARIO | SONAPS\_SPACE | 0 |
| DBP\_LOG\_SCENARIOACTIONMAP | SONAPS\_SPACE | 0 |
| DBP\_LOG\_SCENARIOEVENTMAP | SONAPS\_SPACE | 0 |
| DBP\_LOG\_SCENARIOTEAMMAP | SONAPS\_SPACE | 0 |
| DBP\_LOG\_SCENTEAMMEMBERMAP | SONAPS\_SPACE | 0 |
| DBP\_LOG\_SYSSETING | SONAPS\_SPACE | 1 |
| DBP\_LOG\_TEAM | SONAPS\_SPACE | 0 |
| DBP\_LOG\_TEAMMEMBERMAP | SONAPS\_SPACE | 0 |
| DBP\_LOG\_USERSETTING | SONAPS\_SPACE | 0 |
| DBP\_MAPINPORT | SONAPS\_SPACE | 512 |
| DBP\_MAPOUTPORT | SONAPS\_SPACE | 512 |
| DBP\_MATERIAL | SONAPS\_SPACE | 2414195 |
| DBP\_MATERIAL\_ARCHIVE | SONAPS\_SPACE | 183625 |
| DBP\_MATERIAL\_AUDIO | SONAPS\_SPACE | 24791487 |
| DBP\_MATERIAL\_AUDIO\_BACKUP | SONAPS\_SPACE | 0 |
| DBP\_MATERIAL\_BACKUP | SONAPS\_SPACE | 0 |
| DBP\_MATERIAL\_DURATION | SONAPS\_SPACE | 183644 |
| DBP\_MATERIAL\_VIDEO | SONAPS\_SPACE | 3104480 |
| DBP\_MATERIAL\_VIDEO\_BACKUP | SONAPS\_SPACE | 0 |
| DBP\_MATRIXINFO | SONAPS\_SPACE | 2 |
| DBP\_MATRIXROUT | SONAPS\_SPACE | 63 |
| DBP\_MATRIXTYPEINFO | SONAPS\_SPACE | 5 |
| DBP\_MESSAGES | SONAPS\_SPACE | 9 |
| DBP\_MESSAGE\_REGISTER | SONAPS\_SPACE | 0 |
| DBP\_METADATAPOLICY | SONAPS\_SPACE | 1 |
| DBP\_MSGCONTROL | SONAPS\_SPACE | 1 |
| DBP\_MSMQMSG | SONAPS\_SPACE | 673 |
| DBP\_MSMQMSG\_FAILED | SONAPS\_SPACE | 6 |
| DBP\_MSVCHANNEL\_STATE | SONAPS\_SPACE | 28 |
| DBP\_NEWIMPORT\_CLIP | SONAPS\_SPACE | 14 |
| DBP\_NEWIMPORT\_REMOTE | SONAPS\_SPACE | 0 |
| DBP\_NEWIMPORT\_TASK | SONAPS\_SPACE | 2 |
| DBP\_OBJECTSTATEINFO | SONAPS\_SPACE | 0 |
| DBP\_PLANS | SONAPS\_SPACE | 0 |
| DBP\_POLICYTASK | SONAPS\_SPACE | 937867 |
| DBP\_POLICYUSER | SONAPS\_SPACE | 0 |
| DBP\_POLICYUSERCLASS | SONAPS\_SPACE | 0 |
| DBP\_PROGRAMPARAM\_MAP | SONAPS\_SPACE | 269 |
| DBP\_RCDINDESC | SONAPS\_SPACE | 324 |
| DBP\_RCDOUTDESC | SONAPS\_SPACE | 41 |
| DBP\_RECDEVICE\_TYPE | SONAPS\_SPACE | 2 |
| DBP\_RECUNIT | SONAPS\_SPACE | 1 |
| DBP\_ROUTERCTROLSETTING | SONAPS\_SPACE | 0 |
| DBP\_SCHEDULER | SONAPS\_SPACE | 0 |
| DBP\_SCHEDULER\_RECUNIT | SONAPS\_SPACE | 0 |
| DBP\_SETTINGS | SONAPS\_SPACE | 0 |
| DBP\_SIGNALGROUP | SONAPS\_SPACE | 2 |
| DBP\_SIGNALSRC | SONAPS\_SPACE | 366 |
| DBP\_SIGNALSRCGROUPMAP | SONAPS\_SPACE | 366 |
| DBP\_SIGNALSRC\_MASTERBACKUP | SONAPS\_SPACE | 366 |
| DBP\_SIGNAL\_DEVICE\_MAP | SONAPS\_SPACE | 366 |
| DBP\_SIGNAL\_RECMAP | SONAPS\_SPACE | 366 |
| DBP\_SIGNAL\_SOURCE | SONAPS\_SPACE | 6 |
| DBP\_SIGNAL\_TYPE | SONAPS\_SPACE | 3 |
| DBP\_SIG\_REC\_TYPE\_MAP | SONAPS\_SPACE | 0 |
| DBP\_STREAMMEDIA | SONAPS\_SPACE | 0 |
| DBP\_TASK | SONAPS\_SPACE | 205204 |
| DBP\_TASKGROUP | SONAPS\_SPACE | 0 |
| DBP\_TASKGROUP\_MAP | SONAPS\_SPACE | 0 |
| DBP\_TASK\_BACKUP | SONAPS\_SPACE | 0 |
| DBP\_TASK\_ERRORINFO | SONAPS\_SPACE | 29 |
| DBP\_TASK\_METADATA | SONAPS\_SPACE | 3008326 |
| DBP\_TASK\_METADATA\_BACKUP | SONAPS\_SPACE | 0 |
| DBP\_TASK\_SIGNALSRC\_BACKUPTASK | SONAPS\_SPACE | 0 |
| DBP\_TASK\_SOURCE | SONAPS\_SPACE | 937871 |
| DBP\_TRANSCODE\_POLICY | SONAPS\_SPACE | 0 |
| DBP\_TRANSCODE\_TEMPLATE | SONAPS\_SPACE | 0 |
| DBP\_TRANSFER\_POLICY | SONAPS\_SPACE | 0 |
| DBP\_TRANSFER\_TEMPLATE | SONAPS\_SPACE | 0 |
| DBP\_USERPARAMLOG | SONAPS\_SPACE | 0 |
| DBP\_USERPARAM\_MAP | SONAPS\_SPACE | 70 |
| DBP\_USERSETTINGS | SONAPS\_SPACE | 59 |
| DBP\_USERTEMPLATE | SONAPS\_SPACE | 32 |
| DBP\_VIDOETYPE | SONAPS\_SPACE | 3 |
| DBP\_VIRTUALMATRIXINPORT | SONAPS\_SPACE | 324 |
| DBP\_VIRTUALMATRIXPORTSTATE | SONAPS\_SPACE | 5777 |
| DBP\_XDCAM\_DEVICE | SONAPS\_SPACE | 17 |
| DBP\_XDCAM\_DEV\_PLAN\_MAP | SONAPS\_SPACE | 1 |
| DBP\_XDCAM\_DISC\_MATERIAL | SONAPS\_SPACE | 0 |
| DBP\_XDCAM\_DISKINFO | SONAPS\_SPACE | 0 |
| DBP\_XDCAM\_MATERIAL\_DEV\_MAP | SONAPS\_SPACE | 0 |
| DBP\_XDCAM\_TASK | SONAPS\_SPACE | 0 |
| DBP\_XDCAM\_TASKFILE | SONAPS\_SPACE | 0 |
| DBP\_XDCAM\_TASK\_METADATA | SONAPS\_SPACE | 0 |
| DBP\_XDCAM\_XMPLOIT\_PLAN | SONAPS\_SPACE | 0 |
| DCM\_FAVORITECART | SONAPS\_SPACE | 0 |
| DCM\_FAVORITECARTSELFDEFINETAB | SONAPS\_SPACE | 0 |
| DCM\_TASKS | SONAPS\_SPACE | 0 |
| DCM\_WEBKEYVALUE | SONAPS\_SPACE | 0 |
| DOC\_DBERRORLOG | SONAPS\_SPACE | 1486 |
| DOC\_LOCKTYPEDEF | SONAPS\_SPACE | 2 |
| DOC\_USERLOCK | SONAPS\_SPACE | 2030 |
| ET\_ARCHIVEPOLICY | SONAPS\_SPACE | 2 |
| ET\_ARCHIVESCHEDULE | SONAPS\_SPACE | 0 |
| ET\_BACKGROUNDTASK | SONAPS\_SPACE | 0 |
| ET\_CDINFO | SONAPS\_SPACE | 0 |
| ET\_CENSORINFO | SONAPS\_SPACE | 0 |
| ET\_CLIPEVENT | SONAPS\_SPACE | 0 |
| ET\_CLIPFILE | SONAPS\_SPACE | 765118 |
| ET\_CLIPFILEDELETEQUEUE | SONAPS\_SPACE | 0 |
| ET\_CLIPINFO | SONAPS\_SPACE | 63976 |
| ET\_CLIPLINK | SONAPS\_SPACE | 10 |
| ET\_CLIPMARKPOINT | SONAPS\_SPACE | 32821 |
| ET\_CLIPORIGINALMETADATA | SONAPS\_SPACE | 31468 |
| ET\_CLIPSOURCELIST | SONAPS\_SPACE | 51638 |
| ET\_CLIPUMIDATTRIBUTE | SONAPS\_SPACE | 3073 |
| ET\_COLUMNCUSTOM\_DEFAULT | SONAPS\_SPACE | 0 |
| ET\_COLUMNPOLICY | SONAPS\_SPACE | 0 |
| ET\_COLUMNSPACE | SONAPS\_SPACE | 0 |
| ET\_COLUMN\_CLIP\_SPACE | SONAPS\_SPACE | 0 |
| ET\_COLUMN\_USER\_SPACE | SONAPS\_SPACE | 0 |
| ET\_COMMONGWSITE | SONAPS\_SPACE | 35 |
| ET\_COMMONGWSITE\_DATA | SONAPS\_SPACE | 45 |
| ET\_COMMONGWTASK | SONAPS\_SPACE | 2394 |
| ET\_COMMONGWTASK\_DATA | SONAPS\_SPACE | 866 |
| ET\_CUSTOMIZETYPE | SONAPS\_SPACE | 10 |
| ET\_DELETEBACKUP | SONAPS\_SPACE | 473 |
| ET\_DELETEFILEFAIL | SONAPS\_SPACE | 35429 |
| ET\_DELETEOBJECT | SONAPS\_SPACE | 666 |
| ET\_DEVICEINFO | SONAPS\_SPACE | 7 |
| ET\_EDLINFO | SONAPS\_SPACE | 0 |
| ET\_EXECKEYFRAMETASK | SONAPS\_SPACE | 0 |
| ET\_EXTENTION | SONAPS\_SPACE | 0 |
| ET\_FOLDER | SONAPS\_SPACE | 4335 |
| ET\_FOLDERPOLICY | SONAPS\_SPACE | 4953 |
| ET\_GETKEYFRAMETASK | SONAPS\_SPACE | 0 |
| ET\_GROUPCLIPITEM | SONAPS\_SPACE | 798 |
| ET\_GROUPSPACE | SONAPS\_SPACE | 45 |
| ET\_INGESTMETADATA | SONAPS\_SPACE | 56341 |
| ET\_LANGUAGEINFO | SONAPS\_SPACE | 0 |
| ET\_MAMHISTORYTASK | SONAPS\_SPACE | 2406 |
| ET\_MAMRIEVETASK | SONAPS\_SPACE | 0 |
| ET\_MARKEXTENDINFO | SONAPS\_SPACE | 0 |
| ET\_MARKEXTENDINFO\_DATA | SONAPS\_SPACE | 0 |
| ET\_MATERIALID | SONAPS\_SPACE | 130188 |
| ET\_MATERIALIDHISTORY | SONAPS\_SPACE | 1702720 |
| ET\_MEDIAFORMATDEF | SONAPS\_SPACE | 994572 |
| ET\_METADATADEF | SONAPS\_SPACE | 16 |
| ET\_METADATA\_MAPPING | SONAPS\_SPACE | 0 |
| ET\_MYCOMMONOBJECT | SONAPS\_SPACE | 0 |
| ET\_NOBODYFILE | SONAPS\_SPACE | 15991 |
| ET\_OBJECT | SONAPS\_SPACE | 81835 |
| ET\_OBJECTPOPEDOM | SONAPS\_SPACE | 38 |
| ET\_OBJECTPOPEDOM\_DATA | SONAPS\_SPACE | 3 |
| ET\_OBJPOPEDOM\_DATA\_DUMMY | SONAPS\_SPACE | 0 |
| ET\_PGMFLOW | SONAPS\_SPACE | 0 |
| ET\_PGMMASTER | SONAPS\_SPACE | 12305 |
| ET\_PGMREFRESHRESOURCE | SONAPS\_SPACE | 24566 |
| ET\_PGMRENDERDATA | SONAPS\_SPACE | 0 |
| ET\_PLANNING | SONAPS\_SPACE | 81 |
| ET\_PLANNINGMETADATA | SONAPS\_SPACE | 735130 |
| ET\_PLANSOURCELIST | SONAPS\_SPACE | 361 |
| ET\_PLUGINDEF | SONAPS\_SPACE | 5 |
| ET\_PLUGINPARAMETERDEF | SONAPS\_SPACE | 62 |
| ET\_REMOTESCHEDULE | SONAPS\_SPACE | 0 |
| ET\_RESOURCECATALOG | SONAPS\_SPACE | 305 |
| ET\_RESOURCEUSED | SONAPS\_SPACE | 59789 |
| ET\_RETRIEVESCHEDULE | SONAPS\_SPACE | 0 |
| ET\_SEARCHFOLDER | SONAPS\_SPACE | 0 |
| ET\_SEARCHRESULT | SONAPS\_SPACE | 0 |
| ET\_SERVERENVIRONMENT | SONAPS\_SPACE | 1 |
| ET\_SERVERLOGININFO | SONAPS\_SPACE | 0 |
| ET\_SERVERSENDMPC | SONAPS\_SPACE | 0 |
| ET\_SITEDEF | SONAPS\_SPACE | 3 |
| ET\_SITEPARAMETER | SONAPS\_SPACE | 11 |
| ET\_STORAGEDEF | SONAPS\_SPACE | 0 |
| ET\_TECHCENSORDATA | SONAPS\_SPACE | 0 |
| ET\_TEMPLATEINFO | SONAPS\_SPACE | 4057 |
| ET\_TEMPLATEOBJECT | SONAPS\_SPACE | 0 |
| ET\_USERENVIRONMENT | SONAPS\_SPACE | 5500 |
| ET\_USERLAYOUTDATA | SONAPS\_SPACE | 46 |
| ET\_USERPARAMETER | SONAPS\_SPACE | 15 |
| ET\_USERPARAMETER\_DEF | SONAPS\_SPACE | 15 |
| ET\_USERSELECTPEPATH | SONAPS\_SPACE | 598 |
| ET\_USERSITEPARAMETER | SONAPS\_SPACE | 0 |
| ET\_USERSPACE | SONAPS\_SPACE | 1053 |
| ET\_USERTEMPLATE | SONAPS\_SPACE | 10 |
| ET\_USERTERMINAL | SONAPS\_SPACE | 98 |
| ET\_USERTERMINALCONFIG | SONAPS\_SPACE | 2 |
| ET\_USERTERMINALDEF | SONAPS\_SPACE | 1 |
| ET\_USER\_COLUMNCUSTOM | SONAPS\_SPACE | 22620 |
| GTM\_MODULETASKS | SONAPS\_SPACE | 7784 |
| GTM\_TASKSTEPS | SONAPS\_SPACE | 19753 |
| GTM\_WORKFLOWS | SONAPS\_SPACE | 3523 |
| MOS\_ARCHIVESTORY | SONAPS\_SPACE | 0 |
| MOS\_MERGEINDEX | SONAPS\_SPACE | 2 |
| MOS\_PLANINFO | SONAPS\_SPACE | 0 |
| MPC\_CLIPDATA | SONAPS\_SPACE | 0 |
| MPC\_CODECTEMPL | SONAPS\_SPACE | 0 |
| MPC\_POLICY | SONAPS\_SPACE | 88 |
| MPC\_SYSPARAM | SONAPS\_SPACE | 14 |
| SBT\_AIRUSERINFO | SONAPS\_SPACE | 95 |
| SBT\_BASEDATAINFO | SONAPS\_SPACE | 48 |
| SBT\_CARRYINFO | SONAPS\_SPACE | 5 |
| SBT\_CGEVENT | SONAPS\_SPACE | 0 |
| SBT\_CGPLAYLIST | SONAPS\_SPACE | 0 |
| SBT\_CHANNELGROUP | SONAPS\_SPACE | 20 |
| SBT\_CONTROLCHANNEL | SONAPS\_SPACE | 28 |
| SBT\_CONTROLSERVER | SONAPS\_SPACE | 13 |
| SBT\_DELTASK | SONAPS\_SPACE | 0 |
| SBT\_DISKINFO | SONAPS\_SPACE | 1 |
| SBT\_EVENTINFO | SONAPS\_SPACE | 4303 |
| SBT\_EVENTMATERIAL | SONAPS\_SPACE | 3459 |
| SBT\_GTMCACHE | SONAPS\_SPACE | 556 |
| SBT\_INTERFACE | SONAPS\_SPACE | 1 |
| SBT\_MATERIALINFO | SONAPS\_SPACE | 1100 |
| SBT\_MATERIALSERVER | SONAPS\_SPACE | 10394 |
| SBT\_MODIFYHISTORY | SONAPS\_SPACE | 2412 |
| SBT\_MSCHANNEL | SONAPS\_SPACE | 0 |
| SBT\_PLAYCHANNEL | SONAPS\_SPACE | 28 |
| SBT\_PLAYHISTORY | SONAPS\_SPACE | 607 |
| SBT\_PLAYLIST | SONAPS\_SPACE | 197 |
| SBT\_PLAYLISTFORMAT | SONAPS\_SPACE | 0 |
| SBT\_PLAYLISTSTORY | SONAPS\_SPACE | 3033 |
| SBT\_RECYCLEINFO | SONAPS\_SPACE | 876 |
| SBT\_SEQUENCELINK | SONAPS\_SPACE | 1688 |
| SBT\_SERVERCARRY | SONAPS\_SPACE | 0 |
| SBT\_SERVERINFO | SONAPS\_SPACE | 10 |
| SBT\_SOURCEFILEINFO | SONAPS\_SPACE | 2194 |
| SBT\_SOURCEINFO | SONAPS\_SPACE | 1100 |
| SBT\_STORYEVENT | SONAPS\_SPACE | 4050 |
| SBT\_STORYINFO | SONAPS\_SPACE | 3743 |
| SBT\_STUDIOCONTROL | SONAPS\_SPACE | 10 |
| SBT\_STUDIOINFO | SONAPS\_SPACE | 7 |
| SBT\_STUDIOPLAYLIST | SONAPS\_SPACE | 0 |
| SBT\_STUDIOPLAYSERVER | SONAPS\_SPACE | 10 |
| SBT\_TASKINFO | SONAPS\_SPACE | 12 |
| SBT\_TEMPLATEINFO | SONAPS\_SPACE | 3 |
| SBT\_USERINSTUDIO | SONAPS\_SPACE | 406 |
| SBT\_USERLAYOUTTEMPLATE | SONAPS\_SPACE | 28 |
| SBT\_USERLAYOUTWINDOW | SONAPS\_SPACE | 53 |
| SBT\_USERPARAM | SONAPS\_SPACE | 93 |
| SBT\_VTR | SONAPS\_SPACE | 4 |
| SBT\_WORKFLOWCACHE | SONAPS\_SPACE | 0 |
| SB\_LOG\_ACTION | SONAPS\_SPACE | 0 |
| SB\_LOG\_ACTIONSTAGE | SONAPS\_SPACE | 0 |
| SB\_LOG\_ACTIONSTAGEMAP | SONAPS\_SPACE | 0 |
| SB\_LOG\_CATALOG | SONAPS\_SPACE | 1 |
| SB\_LOG\_EVENT | SONAPS\_SPACE | 0 |
| SB\_LOG\_GAMEMEMBERMAP | SONAPS\_SPACE | 0 |
| SB\_LOG\_GAMES | SONAPS\_SPACE | 1 |
| SB\_LOG\_LAYOUT | SONAPS\_SPACE | 0 |
| SB\_LOG\_MEMBER | SONAPS\_SPACE | 0 |
| SB\_LOG\_MONITOR | SONAPS\_SPACE | 0 |
| SB\_LOG\_ROLE | SONAPS\_SPACE | 3 |
| SB\_LOG\_SCENARIO | SONAPS\_SPACE | 0 |
| SB\_LOG\_SCENARIOTEAMMAP | SONAPS\_SPACE | 0 |
| SB\_LOG\_STAGEEVENTMAP | SONAPS\_SPACE | 0 |
| SB\_LOG\_SYSCONFIG | SONAPS\_SPACE | 0 |
| SB\_LOG\_SYSTEMSETTING | SONAPS\_SPACE | 2 |
| SB\_LOG\_TASK | SONAPS\_SPACE | 0 |
| SB\_LOG\_TASKRECORD | SONAPS\_SPACE | 0 |
| SB\_LOG\_TEAM | SONAPS\_SPACE | 1 |
| SB\_LOG\_TEAMGAMEMAP | SONAPS\_SPACE | 0 |
| SB\_LOG\_TEAMMEMBERMAP | SONAPS\_SPACE | 0 |
| SB\_LOG\_USERSETTINGS | SONAPS\_SPACE | 0 |
| SB\_LOG\_USERTEMPLATE | SONAPS\_SPACE | 0 |
| SMM\_CHANNEL | SONAPS\_SPACE | 0 |
| SMM\_COLUMN | SONAPS\_SPACE | 0 |
| SMM\_COLUMNNLEPOLICY | SONAPS\_SPACE | 0 |
| SMM\_DEVICEINFO | SONAPS\_SPACE | 0 |
| SMM\_DEVICEMANAGE | SONAPS\_SPACE | 0 |
| SMM\_DEVICETYPE | SONAPS\_SPACE | 0 |
| SMM\_DEVICE\_APPLY | SONAPS\_SPACE | 0 |
| SMM\_DEVICE\_USE\_RECORD | SONAPS\_SPACE | 0 |
| SMM\_DEVICE\_USE\_RECORD\_HISTORY | SONAPS\_SPACE | 0 |
| SMM\_DEVICE\_USE\_STAT | SONAPS\_SPACE | 0 |
| SMM\_EDITION | SONAPS\_SPACE | 0 |
| SMM\_LOGINNUMBER\_LIMIT | SONAPS\_SPACE | 0 |
| SMM\_POPEDOMLIST | SONAPS\_SPACE | 101 |
| SMM\_POPEDOMTYPE | SONAPS\_SPACE | 7 |
| SMM\_ROLE | SONAPS\_SPACE | 28 |
| SMM\_ROLEPOPEDOM | SONAPS\_SPACE | 934 |
| SMM\_SYSMESSAGE | SONAPS\_SPACE | 1 |
| SMM\_SYSPARATYPE | SONAPS\_SPACE | 3 |
| SMM\_SYSTEMSETTING | SONAPS\_SPACE | 126 |
| SMM\_TARIFF\_DATE\_SET | SONAPS\_SPACE | 0 |
| SMM\_TARIFF\_TEMPLET | SONAPS\_SPACE | 0 |
| SMM\_TARIFF\_TEMPLET\_DETAIL | SONAPS\_SPACE | 0 |
| SMM\_TRANSACTION | SONAPS\_SPACE | 0 |
| SMM\_UPDATEINFO | SONAPS\_SPACE | 0 |
| SMM\_USERCLASS | SONAPS\_SPACE | 43 |
| SMM\_USERINFO | SONAPS\_SPACE | 1053 |
| SMM\_USERLOGININFO | SONAPS\_SPACE | 118 |
| SMM\_USERLOGININFO\_HISTORY | SONAPS\_SPACE | 128658 |
| SMM\_USERPOPEDOM | SONAPS\_SPACE | 494 |
| SMM\_USER\_ADDRESS\_LIST | SONAPS\_SPACE | 0 |
| SMM\_USER\_CLASS\_RELATION | SONAPS\_SPACE | 1043 |
| SMM\_USER\_ROLE | SONAPS\_SPACE | 877 |
| SONAPS\_USERPERSONALIZEDINFO | SONAPS\_SPACE | 6 |
| TASKDETAILINFO | SONAPS\_SPACE | 0 |
| TASKINFO | SONAPS\_SPACE | 0 |
| TASKINFO\_REMOTE | SONAPS\_SPACE | 0 |
| VTR\_DETAILINFO | SONAPS\_SPACE | 16 |
| VTR\_DOWNLOAD\_MATERIALLIST | SONAPS\_SPACE | 0 |
| VTR\_RECORDTASK | SONAPS\_SPACE | 0 |
| VTR\_TAPELIST | SONAPS\_SPACE | 1 |
| VTR\_TAPE\_VTR\_MAP | SONAPS\_SPACE | 0 |
| VTR\_TASKINFO | SONAPS\_SPACE | 0 |
| VTR\_TASK\_INOUT | SONAPS\_SPACE | 0 |
| VTR\_TASK\_MEATDATA | SONAPS\_SPACE | 0 |
| VTR\_TYPEINFO | SONAPS\_SPACE | 2 |
| VTR\_UPLOADTASK | SONAPS\_SPACE | 130 |

## 4.3 Accessing Speed Information in DB

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Tables** | **Rows** | **Access time in 3 times** | | |
| **CLIENTINFO** | 0 | 00:00.10 | 00:00.00 | 00:00.01 |
| **CLIENTINFO\_REMOTE** | 0 | 00:00.12 | 00:00.00 | 00:00.00 |
| **DBP\_ARCHIVETYPE** | 0 | 00:00.08 | 00:00.00 | 00:00.00 |
| **DBP\_AUDIOTYPE** | 3 | 00:00.11 | 00:00.00 | 00:00.00 |
| **DBP\_CAPTURECHANNELS** | 28 | 00:00.09 | 00:00.00 | 00:00.01 |
| **DBP\_CAPTUREDEVICE** | 28 | 00:00.09 | 00:00.00 | 00:00.00 |
| **DBP\_CAPTUREPARAMTEMPLATE** | 1 | 00:00.08 | 00:00.00 | 00:00.00 |
| **DBP\_CARRIERES** | 0 | 00:00.09 | 00:00.00 | 00:00.00 |
| **DBP\_CHANNELGROUPMAP** | 0 | 00:00.08 | 00:00.00 | 00:00.00 |
| **DBP\_CHANNEL\_RECMAP** | 28 | 00:00.08 | 00:00.00 | 00:00.00 |
| **DBP\_CHN\_EXTENDDATA** | 28 | 00:00.09 | 00:00.00 | 00:00.00 |
| **DBP\_DEV\_CONN** | 3 | 00:00.09 | 00:00.00 | 00:00.00 |
| **DBP\_GLOBAL** | 24 | 00:00.10 | 00:00.00 | 00:00.00 |
| **DBP\_GLOBAL\_PROGRAM** | 0 | 00:00.08 | 00:00.00 | 00:00.00 |
| **DBP\_GLOBAL\_STATE** | 5 | 00:00.08 | 00:00.00 | 00:00.00 |
| **DBP\_GPI\_INFO** | 1 | 00:00.10 | 00:00.00 | 00:00.00 |
| **DBP\_GPI\_MAP** | 0 | 00:00.09 | 00:00.00 | 00:00.00 |
| **DBP\_IMPORT\_TASK** | 674699 | 00:00.80 | 00:00.00 | 00:00.01 |
| **DBP\_IP\_DATACHANNELINFO** | 1 | 00:00.10 | 00:00.00 | 00:00.00 |
| **DBP\_IP\_DEVICE** | 1 | 00:00.09 | 00:00.00 | 00:00.00 |
| **DBP\_IP\_PROGRAMME** | 0 | 00:00.09 | 00:00.00 | 00:00.00 |
| **DBP\_IP\_VIRTUALCHANNEL** | 0 | 00:00.09 | 00:00.00 | 00:00.01 |
| **DBP\_LEVELRELATION** | 512 | 00:00.13 | 00:00.00 | 00:00.00 |
| **DBP\_LOG\_ACTION** | 0 | 00:00.09 | 00:00.00 | 00:00.00 |
| **DBP\_LOG\_EVENT** | 0 | 00:00.09 | 00:00.00 | 00:00.00 |
| **DBP\_LOG\_FOLDER** | 0 | 00:00.10 | 00:00.00 | 00:00.00 |
| **DBP\_LOG\_LANGUAGEINFO** | 0 | 00:00.09 | 00:00.00 | 00:00.00 |
| **DBP\_LOG\_LANGUAGEMAP** | 0 | 00:00.09 | 00:00.00 | 00:00.00 |
| **DBP\_LOG\_MEMBER** | 0 | 00:00.09 | 00:00.00 | 00:00.01 |
| **DBP\_LOG\_MONITOR** | 0 | 00:00.09 | 00:00.00 | 00:00.00 |
| **DBP\_LOG\_OBJECT** | 3 | 00:00.10 | 00:00.00 | 00:00.01 |
| **DBP\_LOG\_SCENARIO** | 0 | 00:00.10 | 00:00.00 | 00:00.01 |
| **DBP\_LOG\_SCENARIOACTIONMAP** | 0 | 00:00.07 | 00:00.00 | 00:00.00 |
| **DBP\_LOG\_SCENARIOEVENTMAP** | 0 | 00:00.06 | 00:00.00 | 00:00.00 |
| **DBP\_LOG\_SCENARIOTEAMMAP** | 0 | 00:00.07 | 00:00.00 | 00:00.00 |
| **DBP\_LOG\_SCENTEAMMEMBERMAP** | 0 | 00:00.09 | 00:00.00 | 00:00.00 |
| **DBP\_LOG\_SYSSETING** | 1 | 00:00.07 | 00:00.00 | 00:00.00 |
| **DBP\_LOG\_TEAM** | 0 | 00:00.06 | 00:00.00 | 00:00.00 |
| **DBP\_LOG\_TEAMMEMBERMAP** | 0 | 00:00.06 | 00:00.00 | 00:00.00 |
| **DBP\_LOG\_USERSETTING** | 0 | 00:00.06 | 00:00.00 | 00:00.00 |
| **DBP\_MAPINPORT** | 512 | 00:00.10 | 00:00.00 | 00:00.00 |
| **DBP\_MAPOUTPORT** | 512 | 00:00.09 | 00:00.00 | 00:00.00 |
| **DBP\_MATERIAL** | 2296943 | 00:02.55 | 00:00.02 | 00:00.02 |
| **DBP\_MATERIAL\_ARCHIVE** | 179372 | 00:00.28 | 00:00.00 | 00:00.00 |
| **DBP\_MATERIAL\_AUDIO** | 24718015 | 00:00.31 | 00:00.00 | 00:00.01 |
| **DBP\_MATERIAL\_AUDIO\_BACKUP** | 0 | 00:00.07 | 00:00.00 | 00:00.00 |
| **DBP\_MATERIAL\_BACKUP** | 0 | 00:00.07 | 00:00.00 | 00:00.01 |
| **DBP\_MATERIAL\_DURATION** | 176095 | 00:00.11 | 00:00.00 | 00:00.00 |
| **DBP\_MATERIAL\_VIDEO** | 3095288 | 00:00.31 | 00:00.00 | 00:00.01 |
| **DBP\_MATERIAL\_VIDEO\_BACKUP** | 0 | 00:00.06 | 00:00.00 | 00:00.00 |
| **DBP\_MATRIXINFO** | 2 | 00:00.06 | 00:00.00 | 00:00.00 |
| **DBP\_MATRIXROUT** | 63 | 00:00.18 | 00:00.00 | 00:00.01 |
| **DBP\_MATRIXTYPEINFO** | 5 | 00:00.06 | 00:00.00 | 00:00.00 |
| **DBP\_MESSAGES** | 9 | 00:00.08 | 00:00.00 | 00:00.00 |
| **DBP\_MESSAGE\_REGISTER** | 0 | 00:00.06 | 00:00.00 | 00:00.00 |
| **DBP\_METADATAPOLICY** | 1 | 00:00.07 | 00:00.00 | 00:00.00 |
| **DBP\_MSGCONTROL** | 1 | 00:00.07 | 00:00.00 | 00:00.00 |
| **DBP\_MSMQMSG** | 404 | 00:00.29 | 00:00.01 | 00:00.01 |
| **DBP\_MSMQMSG\_FAILED** | 6 | 00:00.06 | 00:00.00 | 00:00.01 |
| **DBP\_MSVCHANNEL\_STATE** | 28 | 00:00.05 | 00:00.00 | 00:00.00 |
| **DBP\_NEWIMPORT\_CLIP** | 35 | 00:05.02 | 00:00.04 | 00:00.16 |
| **DBP\_NEWIMPORT\_REMOTE** | 0 | 00:00.07 | 00:00.00 | 00:00.00 |
| **DBP\_NEWIMPORT\_TASK** | 12 | 00:00.08 | 00:00.00 | 00:00.01 |
| **DBP\_OBJECTSTATEINFO** | 0 | 00:00.07 | 00:00.00 | 00:00.00 |
| **DBP\_PLANS** | 0 | 00:00.08 | 00:00.00 | 00:00.00 |
| **DBP\_POLICYTASK** | 863653 | 00:00.13 | 00:00.00 | 00:00.00 |
| **DBP\_POLICYUSER** | 0 | 00:00.05 | 00:00.00 | 00:00.00 |
| **DBP\_POLICYUSERCLASS** | 0 | 00:00.06 | 00:00.00 | 00:00.00 |
| **DBP\_PROGRAMPARAM\_MAP** | 269 | 00:00.11 | 00:00.00 | 00:00.00 |
| **DBP\_RCDINDESC** | 324 | 00:00.10 | 00:00.00 | 00:00.00 |
| **DBP\_RCDOUTDESC** | 41 | 00:00.06 | 00:00.00 | 00:00.00 |
| **DBP\_RECDEVICE\_TYPE** | 2 | 00:00.06 | 00:00.00 | 00:00.00 |
| **DBP\_RECUNIT** | 1 | 00:00.06 | 00:00.00 | 00:00.00 |
| **DBP\_ROUTERCTROLSETTING** | 0 | 00:00.06 | 00:00.00 | 00:00.00 |
| **DBP\_SCHEDULER** | 0 | 00:00.06 | 00:00.00 | 00:00.00 |
| **DBP\_SCHEDULER\_RECUNIT** | 0 | 00:00.05 | 00:00.00 | 00:00.00 |
| **DBP\_SETTINGS** | 0 | 00:00.06 | 00:00.00 | 00:00.00 |
| **DBP\_SIGNALGROUP** | 2 | 00:00.05 | 00:00.00 | 00:00.00 |
| **DBP\_SIGNALSRC** | 350 | 00:00.28 | 00:00.00 | 00:00.00 |
| **DBP\_SIGNALSRCGROUPMAP** | 350 | 00:00.10 | 00:00.00 | 00:00.00 |
| **DBP\_SIGNALSRC\_MASTERBACKUP** | 366 | 00:00.13 | 00:00.00 | 00:00.00 |
| **DBP\_SIGNAL\_DEVICE\_MAP** | 350 | 00:00.10 | 00:00.00 | 00:00.00 |
| **DBP\_SIGNAL\_RECMAP** | 350 | 00:00.10 | 00:00.00 | 00:00.00 |
| **DBP\_SIGNAL\_SOURCE** | 6 | 00:00.05 | 00:00.00 | 00:00.00 |
| **DBP\_SIGNAL\_TYPE** | 3 | 00:00.06 | 00:00.00 | 00:00.00 |
| **DBP\_SIG\_REC\_TYPE\_MAP** | 0 | 00:00.07 | 00:00.00 | 00:00.00 |
| **DBP\_STREAMMEDIA** | 0 | 00:00.06 | 00:00.00 | 00:00.00 |
| **DBP\_TASK** | 204526 | 00:05.65 | 00:00.05 | 00:00.05 |
| **DBP\_TASKGROUP** | 0 | 00:00.07 | 00:00.00 | 00:00.00 |
| **DBP\_TASKGROUP\_MAP** | 0 | 00:00.07 | 00:00.00 | 00:00.00 |
| **DBP\_TASK\_BACKUP** | 0 | 00:00.06 | 00:00.00 | 00:00.00 |
| **DBP\_TASK\_ERRORINFO** | 27 | 00:00.06 | 00:00.00 | 00:00.02 |
| **DBP\_TASK\_METADATA** | 2899862 | 00:00.27 | 00:00.01 | 00:00.01 |
| **DBP\_TASK\_METADATA\_BACKUP** | 0 | 00:00.06 | 00:00.00 | 00:00.00 |
| **DBP\_TASK\_SIGNALSRC\_BACKUPTASK** | 0 | 00:00.07 | 00:00.00 | 00:00.00 |
| **DBP\_TASK\_SOURCE** | 863656 | 00:00.10 | 00:00.00 | 00:00.00 |
| **DBP\_TRANSCODE\_POLICY** | 0 | 00:00.06 | 00:00.00 | 00:00.00 |
| **DBP\_TRANSCODE\_TEMPLATE** | 0 | 00:00.06 | 00:00.00 | 00:00.00 |
| **DBP\_TRANSFER\_POLICY** | 0 | 00:00.05 | 00:00.00 | 00:00.00 |
| **DBP\_TRANSFER\_TEMPLATE** | 0 | 00:00.06 | 00:00.00 | 00:00.00 |
| **DBP\_USERPARAMLOG** | 0 | 00:00.06 | 00:00.00 | 00:00.00 |
| **DBP\_USERPARAM\_MAP** | 68 | 00:00.07 | 00:00.00 | 00:00.01 |
| **DBP\_USERSETTINGS** | 59 | 00:00.07 | 00:00.00 | 00:00.00 |
| **DBP\_USERTEMPLATE** | 32 | 00:00.06 | 00:00.00 | 00:00.01 |
| **DBP\_VIDOETYPE** | 3 | 00:00.06 | 00:00.00 | 00:00.00 |
| **DBP\_VIRTUALMATRIXINPORT** | 324 | 00:00.09 | 00:00.00 | 00:00.00 |
| **DBP\_VIRTUALMATRIXPORTSTATE** | 5769 | 00:00.10 | 00:00.00 | 00:00.00 |
| **DBP\_XDCAM\_DEVICE** | 17 | 00:00.08 | 00:00.00 | 00:00.01 |
| **DBP\_XDCAM\_DEV\_PLAN\_MAP** | 1 | 00:00.07 | 00:00.00 | 00:00.01 |
| **DBP\_XDCAM\_DISC\_MATERIAL** | 0 | 00:00.08 | 00:00.00 | 00:00.01 |
| **DBP\_XDCAM\_DISKINFO** | 0 | 00:00.06 | 00:00.00 | 00:00.00 |
| **DBP\_XDCAM\_MATERIAL\_DEV\_MAP** | 0 | 00:00.06 | 00:00.00 | 00:00.00 |
| **DBP\_XDCAM\_TASK** | 0 | 00:00.07 | 00:00.00 | 00:00.01 |
| **DBP\_XDCAM\_TASKFILE** | 0 | 00:00.06 | 00:00.00 | 00:00.00 |
| **DBP\_XDCAM\_TASK\_METADATA** | 0 | 00:00.07 | 00:00.00 | 00:00.00 |
| **DBP\_XDCAM\_XMPLOIT\_PLAN** | 0 | 00:00.06 | 00:00.00 | 00:00.01 |
| **DCM\_FAVORITECART** | 0 | 00:00.07 | 00:00.00 | 00:00.01 |
| **DCM\_FAVORITECARTSELFDEFINETAB** | 0 | 00:00.06 | 00:00.00 | 00:00.00 |
| **DCM\_TASKS** | 0 | 00:00.07 | 00:00.00 | 00:00.01 |
| **DCM\_WEBKEYVALUE** | 0 | 00:00.06 | 00:00.00 | 00:00.01 |
| **DOC\_DBERRORLOG** | 1434 | 00:00.27 | 00:00.00 | 00:00.00 |
| **DOC\_LOCKTYPEDEF** | 2 | 00:00.08 | 00:00.00 | 00:00.00 |
| **DOC\_USERLOCK** | 1988 | 00:00.25 | 00:00.00 | 00:00.00 |
| **ET\_ARCHIVEPOLICY** | 2 | 00:00.06 | 00:00.00 | 00:00.00 |
| **ET\_ARCHIVESCHEDULE** | 0 | 00:00.07 | 00:00.00 | 00:00.01 |
| **ET\_BACKGROUNDTASK** | 0 | 00:00.06 | 00:00.00 | 00:00.01 |
| **ET\_CDINFO** | 0 | 00:00.07 | 00:00.00 | 00:00.00 |
| **ET\_CENSORINFO** | 0 | 00:00.06 | 00:00.00 | 00:00.00 |
| **ET\_CLIPEVENT** | 0 | 00:00.05 | 00:00.00 | 00:00.00 |
| **ET\_CLIPFILE** | 781500 | 00:02.72 | 00:00.03 | 00:00.02 |
| **ET\_CLIPFILEDELETEQUEUE** | 0 | 00:00.05 | 00:00.00 | 00:00.00 |
| **ET\_CLIPINFO** | 65850 | 00:10.97 | 00:00.10 | 00:00.10 |
| **ET\_CLIPLINK** | 9 | 00:00.08 | 00:00.00 | 00:00.00 |
| **ET\_CLIPMARKPOINT** | 33588 | 00:00.60 | 00:00.00 | 00:00.01 |
| **ET\_CLIPORIGINALMETADATA** | 30818 | 00:09.07 | 00:00.09 | 00:00.09 |
| **ET\_CLIPSOURCELIST** | 59356 | 00:00.18 | 00:00.00 | 00:00.00 |
| **ET\_CLIPUMIDATTRIBUTE** | 2993 | 00:00.20 | 00:00.00 | 00:00.00 |
| **ET\_COLUMNCUSTOM\_DEFAULT** | 0 | 00:00.04 | 00:00.00 | 00:00.00 |
| **ET\_COLUMNPOLICY** | 0 | 00:00.04 | 00:00.00 | 00:00.00 |
| **ET\_COLUMNSPACE** | 0 | 00:00.04 | 00:00.00 | 00:00.00 |
| **ET\_COLUMN\_CLIP\_SPACE** | 0 | 00:00.04 | 00:00.00 | 00:00.00 |
| **ET\_COLUMN\_USER\_SPACE** | 0 | 00:00.05 | 00:00.00 | 00:00.00 |
| **ET\_COMMONGWSITE** | 35 | 00:01.80 | 00:00.03 | 00:00.03 |
| **ET\_COMMONGWSITE\_DATA** | 45 | 00:00.03 | 00:00.00 | 00:00.00 |
| **ET\_COMMONGWTASK** | 2520 | 00:04.49 | 00:00.07 | 00:00.08 |
| **ET\_COMMONGWTASK\_DATA** | 872 | 00:00.13 | 00:00.00 | 00:00.00 |
| **ET\_CUSTOMIZETYPE** | 10 | 00:00.04 | 00:00.00 | 00:00.00 |
| **ET\_DELETEBACKUP** | 357 | 00:01.21 | 00:00.17 | 00:00.02 |
| **ET\_DELETEFILEFAIL** | 9309 | 00:00.30 | 00:00.00 | 00:00.01 |
| **ET\_DELETEOBJECT** | 1209 | 00:00.06 | 00:00.00 | 00:00.00 |
| **ET\_DEVICEINFO** | 7 | 00:00.06 | 00:00.00 | 00:00.00 |
| **ET\_EDLINFO** | 0 | 00:00.05 | 00:00.00 | 00:00.00 |
| **ET\_EXECKEYFRAMETASK** | 0 | 00:00.04 | 00:00.00 | 00:00.00 |
| **ET\_EXTENTION** | 0 | 00:00.03 | 00:00.00 | 00:00.00 |
| **ET\_FOLDER** | 4110 | 00:00.12 | 00:00.00 | 00:00.00 |
| **ET\_FOLDERPOLICY** | 4728 | 00:00.05 | 00:00.00 | 00:00.00 |
| **ET\_GETKEYFRAMETASK** | 0 | 00:00.03 | 00:00.00 | 00:00.00 |
| **ET\_GROUPCLIPITEM** | 658 | 00:00.14 | 00:00.00 | 00:00.01 |
| **ET\_GROUPSPACE** | 45 | 00:00.03 | 00:00.00 | 00:00.00 |
| **ET\_INGESTMETADATA** | 55974 | 00:03.26 | 00:00.05 | 00:00.05 |
| **ET\_LANGUAGEINFO** | 0 | 00:00.04 | 00:00.00 | 00:00.00 |
| **ET\_MAMHISTORYTASK** | 2258 | 00:01.11 | 00:00.01 | 00:00.02 |
| **ET\_MAMRIEVETASK** | 0 | 00:00.04 | 00:00.00 | 00:00.01 |
| **ET\_MARKEXTENDINFO** | 0 | 00:00.04 | 00:00.00 | 00:00.00 |
| **ET\_MARKEXTENDINFO\_DATA** | 0 | 00:00.03 | 00:00.00 | 00:00.00 |
| **ET\_MATERIALID** | 130708 | 00:00.27 | 00:00.01 | 00:00.00 |
| **ET\_MATERIALIDHISTORY** | 1631835 | 00:00.18 | 00:00.00 | 00:00.00 |
| **ET\_MEDIAFORMATDEF** | 930992 | 00:00.16 | 00:00.00 | 00:00.00 |
| **ET\_METADATADEF** | 16 | 00:00.06 | 00:00.00 | 00:00.00 |
| **ET\_METADATA\_MAPPING** | 0 | 00:00.03 | 00:00.00 | 00:00.00 |
| **ET\_MYCOMMONOBJECT** | 0 | 00:00.04 | 00:00.00 | 00:00.00 |
| **ET\_NOBODYFILE** | 15443 | 00:00.10 | 00:00.00 | 00:00.00 |
| **ET\_OBJECT** | 83604 | 00:38.69 | 00:00.70 | 00:00.67 |
| **ET\_OBJECTPOPEDOM** | 37 | 00:00.04 | 00:00.00 | 00:00.00 |
| **ET\_OBJECTPOPEDOM\_DATA** | 3 | 00:00.05 | 00:00.00 | 00:00.01 |
| **ET\_OBJPOPEDOM\_DATA\_DUMMY** | 0 | 00:00.08 | 00:00.00 | 00:00.00 |
| **ET\_PGMFLOW** | 0 | 00:00.04 | 00:00.00 | 00:00.00 |
| **ET\_PGMMASTER** | 12327 | 00:02.21 | 00:00.03 | 00:00.04 |
| **ET\_PGMREFRESHRESOURCE** | 24060 | 00:00.06 | 00:00.00 | 00:00.00 |
| **ET\_PGMRENDERDATA** | 0 | 00:00.03 | 00:00.00 | 00:00.00 |
| **ET\_PLANNING** | 80 | 00:04.39 | 00:00.15 | 00:00.17 |
| **ET\_PLANNINGMETADATA** | 701443 | 00:00.16 | 00:00.15 | 00:00.16 |
| **ET\_PLANSOURCELIST** | 361 | 00:00.09 | 00:00.00 | 00:00.00 |
| **ET\_PLUGINDEF** | 5 | 00:00.01 | 00:00.00 | 00:00.00 |
| **ET\_PLUGINPARAMETERDEF** | 62 | 00:00.07 | 00:00.00 | 00:00.01 |
| **ET\_REMOTESCHEDULE** | 0 | 00:00.04 | 00:00.00 | 00:00.01 |
| **ET\_RESOURCECATALOG** | 301 | 00:00.00 | 00:00.00 | 00:00.01 |
| **ET\_RESOURCEUSED** | 59880 | 00:00.03 | 00:00.00 | 00:00.00 |
| **ET\_RETRIEVESCHEDULE** | 0 | 00:00.01 | 00:00.00 | 00:00.01 |
| **ET\_SEARCHFOLDER** | 0 | 00:00.08 | 00:00.00 | 00:00.00 |
| **ET\_SEARCHRESULT** | 0 | 00:00.02 | 00:00.00 | 00:00.00 |
| **ET\_SERVERENVIRONMENT** | 1 | 00:00.00 | 00:00.00 | 00:00.00 |
| **ET\_SERVERLOGININFO** | 0 | 00:00.10 | 00:00.00 | 00:00.01 |
| **ET\_SERVERSENDMPC** | 0 | 00:00.01 | 00:00.00 | 00:00.01 |
| **ET\_SITEDEF** | 3 | 00:00.00 | 00:00.00 | 00:00.00 |
| **ET\_SITEPARAMETER** | 11 | 00:00.24 | 00:00.00 | 00:00.01 |
| **ET\_STORAGEDEF** | 0 | 00:00.23 | 00:00.00 | 00:00.00 |
| **ET\_TECHCENSORDATA** | 0 | 00:00.03 | 00:00.00 | 00:00.00 |
| **ET\_TEMPLATEINFO** | 4028 | 00:00.29 | 00:00.09 | 00:00.09 |
| **ET\_TEMPLATEOBJECT** | 0 | 00:00.09 | 00:00.00 | 00:00.01 |
| **ET\_USERENVIRONMENT** | 5497 | 00:00.00 | 00:00.00 | 00:00.00 |
| **ET\_USERLAYOUTDATA** | 46 | 00:00.18 | 00:00.00 | 00:00.01 |
| **ET\_USERPARAMETER** | 15 | 00:00.12 | 00:00.00 | 00:00.00 |
| **ET\_USERPARAMETER\_DEF** | 15 | 00:00.01 | 00:00.00 | 00:00.00 |
| **ET\_USERSELECTPEPATH** | 596 | 00:00.00 | 00:00.00 | 00:00.00 |
| **ET\_USERSITEPARAMETER** | 0 | 00:00.08 | 00:00.00 | 00:00.00 |
| **ET\_USERSPACE** | 1052 | 00:00.00 | 00:00.00 | 00:00.00 |
| **ET\_USERTEMPLATE** | 10 | 00:00.16 | 00:00.00 | 00:00.01 |
| **ET\_USERTERMINAL** | 98 | 00:00.00 | 00:00.00 | 00:00.00 |
| **ET\_USERTERMINALCONFIG** | 2 | 00:00.20 | 00:00.00 | 00:00.00 |
| **ET\_USERTERMINALDEF** | 1 | 00:00.03 | 00:00.00 | 00:00.00 |
| **ET\_USER\_COLUMNCUSTOM** | 22581 | 00:00.02 | 00:00.00 | 00:00.00 |
| **GTM\_MODULETASKS** | 6466 | 00:00.04 | 00:00.04 | 00:00.04 |
| **GTM\_TASKSTEPS** | 19933 | 00:00.09 | 00:00.04 | 00:00.05 |
| **GTM\_WORKFLOWS** | 4053 | 00:00.04 | 00:00.04 | 00:00.04 |
| **MOS\_ARCHIVESTORY** | 0 | 00:00.06 | 00:00.00 | 00:00.00 |
| **MOS\_MERGEINDEX** | 2 | 00:00.07 | 00:00.00 | 00:00.00 |
| **MOS\_PLANINFO** | 0 | 00:00.19 | 00:00.00 | 00:00.01 |
| **MPC\_CLIPDATA** | 0 | 00:00.02 | 00:00.00 | 00:00.00 |
| **MPC\_CODECTEMPL** | 0 | 00:00.01 | 00:00.00 | 00:00.01 |
| **MPC\_POLICY** | 88 | 00:00.12 | 00:00.00 | 00:00.03 |
| **MPC\_SYSPARAM** | 14 | 00:00.01 | 00:00.00 | 00:00.01 |
| **SBT\_AIRUSERINFO** | 95 | 00:00.01 | 00:00.00 | 00:00.00 |
| **SBT\_BASEDATAINFO** | 48 | 00:00.00 | 00:00.00 | 00:00.00 |
| **SBT\_CARRYINFO** | 5 | 00:00.01 | 00:00.00 | 00:00.00 |
| **SBT\_CGEVENT** | 0 | 00:00.00 | 00:00.00 | 00:00.00 |
| **SBT\_CGPLAYLIST** | 0 | 00:00.00 | 00:00.00 | 00:00.00 |
| **SBT\_CHANNELGROUP** | 21 | 00:00.00 | 00:00.00 | 00:00.00 |
| **SBT\_CONTROLCHANNEL** | 30 | 00:00.00 | 00:00.00 | 00:00.00 |
| **SBT\_CONTROLSERVER** | 13 | 00:00.00 | 00:00.00 | 00:00.01 |
| **SBT\_DELTASK** | 0 | 00:00.31 | 00:00.15 | 00:00.19 |
| **SBT\_DISKINFO** | 1 | 00:00.00 | 00:00.00 | 00:00.01 |
| **SBT\_EVENTINFO** | 4771 | 00:00.05 | 00:00.05 | 00:00.05 |
| **SBT\_EVENTMATERIAL** | 3917 | 00:00.00 | 00:00.00 | 00:00.00 |
| **SBT\_GTMCACHE** | 559 | 00:00.02 | 00:00.02 | 00:00.02 |
| **SBT\_INTERFACE** | 1 | 00:00.01 | 00:00.00 | 00:00.00 |
| **SBT\_MATERIALINFO** | 1223 | 00:00.09 | 00:00.08 | 00:00.08 |
| **SBT\_MATERIALSERVER** | 11690 | 00:00.00 | 00:00.00 | 00:00.00 |
| **SBT\_MODIFYHISTORY** | 3493 | 00:00.03 | 00:00.03 | 00:00.03 |
| **SBT\_MSCHANNEL** | 0 | 00:00.01 | 00:00.00 | 00:00.00 |
| **SBT\_PLAYCHANNEL** | 29 | 00:00.00 | 00:00.00 | 00:00.00 |
| **SBT\_PLAYHISTORY** | 843 | 00:00.01 | 00:00.00 | 00:00.00 |
| **SBT\_PLAYLIST** | 152 | 00:00.13 | 00:00.00 | 00:00.12 |
| **SBT\_PLAYLISTFORMAT** | 0 | 00:00.01 | 00:00.00 | 00:00.00 |
| **SBT\_PLAYLISTSTORY** | 3188 | 00:00.00 | 00:00.00 | 00:00.00 |
| **SBT\_RECYCLEINFO** | 947 | 00:00.05 | 00:00.04 | 00:00.05 |
| **SBT\_SEQUENCELINK** | 1841 | 00:00.00 | 00:00.00 | 00:00.00 |
| **SBT\_SERVERCARRY** | 0 | 00:00.00 | 00:00.00 | 00:00.00 |
| **SBT\_SERVERINFO** | 11 | 00:00.00 | 00:00.00 | 00:00.00 |
| **SBT\_SOURCEFILEINFO** | 2154 | 00:00.00 | 00:00.00 | 00:00.00 |
| **SBT\_SOURCEINFO** | 1223 | 00:00.10 | 00:00.09 | 00:00.09 |
| **SBT\_STORYEVENT** | 4314 | 00:00.00 | 00:00.00 | 00:00.00 |
| **SBT\_STORYINFO** | 4008 | 00:00.09 | 00:00.10 | 00:00.09 |
| **SBT\_STUDIOCONTROL** | 11 | 00:00.00 | 00:00.00 | 00:00.00 |
| **SBT\_STUDIOINFO** | 8 | 00:00.00 | 00:00.00 | 00:00.01 |
| **SBT\_STUDIOPLAYLIST** | 0 | 00:00.01 | 00:00.00 | 00:00.00 |
| **SBT\_STUDIOPLAYSERVER** | 11 | 00:00.00 | 00:00.00 | 00:00.00 |
| **SBT\_TASKINFO** | 12 | 00:00.00 | 00:00.20 | 00:00.00 |
| **SBT\_TEMPLATEINFO** | 3 | 00:00.02 | 00:00.00 | 00:00.05 |
| **SBT\_USERINSTUDIO** | 406 | 00:00.07 | 00:00.00 | 00:00.01 |
| **SBT\_USERLAYOUTTEMPLATE** | 27 | 00:00.03 | 00:00.00 | 00:00.01 |
| **SBT\_USERLAYOUTWINDOW** | 53 | 00:00.03 | 00:00.01 | 00:00.01 |
| **SBT\_USERPARAM** | 93 | 00:00.12 | 00:00.00 | 00:00.01 |
| **SBT\_VTR** | 4 | 00:00.00 | 00:00.00 | 00:00.00 |
| **SBT\_WORKFLOWCACHE** | 0 | 00:00.00 | 00:00.00 | 00:00.00 |
| **SB\_LOG\_ACTION** | 0 | 00:00.01 | 00:00.00 | 00:00.00 |
| **SB\_LOG\_ACTIONSTAGE** | 0 | 00:00.00 | 00:00.00 | 00:00.00 |
| **SB\_LOG\_ACTIONSTAGEMAP** | 0 | 00:00.00 | 00:00.00 | 00:00.00 |
| **SB\_LOG\_CATALOG** | 1 | 00:00.01 | 00:00.00 | 00:00.00 |
| **SB\_LOG\_EVENT** | 0 | 00:00.01 | 00:00.00 | 00:00.00 |
| **SB\_LOG\_GAMEMEMBERMAP** | 0 | 00:00.00 | 00:00.00 | 00:00.00 |
| **SB\_LOG\_GAMES** | 1 | 00:00.01 | 00:00.00 | 00:00.00 |
| **SB\_LOG\_LAYOUT** | 0 | 00:00.00 | 00:00.00 | 00:00.00 |
| **SB\_LOG\_MEMBER** | 0 | 00:00.01 | 00:00.00 | 00:00.00 |
| **SB\_LOG\_MONITOR** | 0 | 00:00.00 | 00:00.00 | 00:00.00 |
| **SB\_LOG\_ROLE** | 3 | 00:00.01 | 00:00.00 | 00:00.00 |
| **SB\_LOG\_SCENARIO** | 0 | 00:00.01 | 00:00.00 | 00:00.00 |
| **SB\_LOG\_SCENARIOTEAMMAP** | 0 | 00:00.00 | 00:00.00 | 00:00.00 |
| **SB\_LOG\_STAGEEVENTMAP** | 0 | 00:00.00 | 00:00.00 | 00:00.00 |
| **SB\_LOG\_SYSCONFIG** | 0 | 00:00.00 | 00:00.00 | 00:00.00 |
| **SB\_LOG\_SYSTEMSETTING** | 2 | 00:00.01 | 00:00.00 | 00:00.00 |
| **SB\_LOG\_TASK** | 0 | 00:00.01 | 00:00.00 | 00:00.01 |
| **SB\_LOG\_TASKRECORD** | 0 | 00:00.00 | 00:00.00 | 00:00.00 |
| **SB\_LOG\_TEAM** | 1 | 00:00.01 | 00:00.00 | 00:00.01 |
| **SB\_LOG\_TEAMGAMEMAP** | 0 | 00:00.01 | 00:00.00 | 00:00.00 |
| **SB\_LOG\_TEAMMEMBERMAP** | 0 | 00:00.01 | 00:00.00 | 00:00.00 |
| **SB\_LOG\_USERSETTINGS** | 0 | 00:00.01 | 00:00.00 | 00:00.01 |
| **SB\_LOG\_USERTEMPLATE** | 0 | 00:00.01 | 00:00.00 | 00:00.01 |
| **SMM\_CHANNEL** | 0 | 00:00.00 | 00:00.00 | 00:00.00 |
| **SMM\_COLUMN** | 0 | 00:00.01 | 00:00.00 | 00:00.00 |
| **SMM\_COLUMNNLEPOLICY** | 0 | 00:00.01 | 00:00.00 | 00:00.01 |
| **SMM\_DEVICEINFO** | 0 | 00:00.00 | 00:00.00 | 00:00.00 |
| **SMM\_DEVICEMANAGE** | 0 | 00:00.00 | 00:00.00 | 00:00.00 |
| **SMM\_DEVICETYPE** | 0 | 00:00.00 | 00:00.00 | 00:00.00 |
| **SMM\_DEVICE\_APPLY** | 0 | 00:00.00 | 00:00.00 | 00:00.00 |
| **SMM\_DEVICE\_USE\_RECORD** | 0 | 00:00.01 | 00:00.00 | 00:00.00 |
| **SMM\_DEVICE\_USE\_RECORD\_HISTORY** | 0 | 00:00.01 | 00:00.00 | 00:00.01 |
| **SMM\_DEVICE\_USE\_STAT** | 0 | 00:00.01 | 00:00.00 | 00:00.00 |
| **SMM\_EDITION** | 0 | 00:00.00 | 00:00.00 | 00:00.00 |
| **SMM\_LOGINNUMBER\_LIMIT** | 0 | 00:00.00 | 00:00.00 | 00:00.00 |
| **SMM\_POPEDOMLIST** | 101 | 00:00.01 | 00:00.00 | 00:00.00 |
| **SMM\_POPEDOMTYPE** | 7 | 00:00.00 | 00:00.00 | 00:00.00 |
| **SMM\_ROLE** | 28 | 00:00.00 | 00:00.00 | 00:00.00 |
| **SMM\_ROLEPOPEDOM** | 934 | 00:00.00 | 00:00.00 | 00:00.00 |
| **SMM\_SYSMESSAGE** | 1 | 00:00.00 | 00:00.00 | 00:00.00 |
| **SMM\_SYSPARATYPE** | 3 | 00:00.00 | 00:00.00 | 00:00.00 |
| **SMM\_SYSTEMSETTING** | 126 | 00:00.04 | 00:00.00 | 00:00.04 |
| **SMM\_TARIFF\_DATE\_SET** | 0 | 00:00.01 | 00:00.00 | 00:00.01 |
| **SMM\_TARIFF\_TEMPLET** | 0 | 00:00.01 | 00:00.00 | 00:00.01 |
| **SMM\_TARIFF\_TEMPLET\_DETAIL** | 0 | 00:00.01 | 00:00.00 | 00:00.01 |
| **SMM\_TRANSACTION** | 0 | 00:00.00 | 00:00.00 | 00:00.00 |
| **SMM\_UPDATEINFO** | 0 | 00:00.01 | 00:00.00 | 00:00.00 |
| **SMM\_USERCLASS** | 42 | 00:00.00 | 00:00.04 | 00:00.00 |
| **SMM\_USERINFO** | 1029 | 00:00.13 | 00:00.11 | 00:00.12 |
| **SMM\_USERLOGININFO** | 66 | 00:00.02 | 00:00.02 | 00:00.02 |
| **SMM\_USERLOGININFO\_HISTORY** | 117833 | 00:00.00 | 00:00.00 | 00:00.02 |
| **SMM\_USERPOPEDOM** | 494 | 00:00.00 | 00:00.00 | 00:00.00 |
| **SMM\_USER\_ADDRESS\_LIST** | 0 | 00:00.00 | 00:00.00 | 00:00.00 |
| **SMM\_USER\_CLASS\_RELATION** | 1020 | 00:00.00 | 00:00.00 | 00:00.00 |
| **SMM\_USER\_ROLE** | 864 | 00:00.00 | 00:00.00 | 00:00.00 |
| **SONAPS\_USERPERSONALIZEDINFO** | 6 | 00:00.02 | 00:00.00 | 00:00.01 |
| **TASKDETAILINFO** | 0 | 00:00.01 | 00:00.00 | 00:00.01 |
| **TASKINFO** | 0 | 00:00.01 | 00:00.00 | 00:00.01 |
| **TASKINFO\_REMOTE** | 0 | 00:00.01 | 00:00.00 | 00:00.01 |
| **VTR\_DETAILINFO** | 16 | 00:00.01 | 00:00.00 | 00:00.01 |
| **VTR\_DOWNLOAD\_MATERIALLIST** | 0 | 00:00.01 | 00:00.00 | 00:00.00 |
| **VTR\_RECORDTASK** | 0 | 00:00.01 | 00:00.00 | 00:00.01 |
| **VTR\_TAPELIST** | 1 | 00:00.00 | 00:00.00 | 00:00.00 |
| **VTR\_TAPE\_VTR\_MAP** | 0 | 00:00.01 | 00:00.00 | 00:00.00 |
| **VTR\_TASKINFO** | 0 | 00:00.01 | 00:00.00 | 00:00.01 |
| **VTR\_TASK\_INOUT** | 0 | 00:00.01 | 00:00.00 | 00:00.00 |
| **VTR\_TASK\_MEATDATA** | 0 | 00:00.00 | 00:00.00 | 00:00.00 |
| **VTR\_TYPEINFO** | 2 | 00:00.00 | 00:00.00 | 00:00.00 |
| **VTR\_UPLOADTASK** | 130 | 00:00.03 | 00:00.00 | 00:00.00 |

## 4.4 Detailed Index Information in DB

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| --- | --- |
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| CLIENTINFO\_REMOTE | CLIENTIP\_1 |
| DBP\_NEWIMPORT\_CLIP | DBP\_NEWIMPORT\_CLIP |
| DBP\_NEWIMPORT\_REMOTE | DBP\_NEWIMPORT\_REMOTE |
| DCM\_FAVORITECARTSELFDEFINETAB | DCM\_FAVORITECARTSELFDEFINETAB |
| DCM\_FAVORITECART | DCM\_FAVORITECART\_PK |
| DCM\_FAVORITECART | DCM\_FAVORITECART\_UNIQUE |
| DCM\_TASKS | DCM\_TASKS\_PK |
| ET\_COLUMNCUSTOM\_DEFAULT | ET\_COLUMNCM\_DEFAULT\_ID |
| ET\_MEDIAFORMATDEF | ET\_ET\_MEDIAFORMATDEF\_HASHKEY |
| ET\_MYCOMMONOBJECT | ET\_ET\_MYCOMMONOBJECT\_USERID |
| ET\_RESOURCEUSED | ET\_ET\_RESOURCEUSED\_RESGUID |
| TASKDETAILINFO | GUID |
| DOC\_USERLOCK | IDX\_DOC\_USERLOCK\_LOCKID |
| ET\_ARCHIVESCHEDULE | IDX\_ET\_ARCHIVESCHEDULE\_DATE |
| ET\_CLIPFILE | IDX\_ET\_CLIPFILE\_CLIPID |
| ET\_CLIPFILE | IDX\_ET\_CLIPFILE\_CLIPOUT |
| ET\_CLIPFILE | IDX\_ET\_CLIPFILE\_FPKEY |
| ET\_CLIPINFO | IDX\_ET\_CLIPINFO\_INGESTTASKID |
| ET\_CLIPINFO | IDX\_ET\_CLIPINFO\_SRCPGMID |
| ET\_CLIPLINK | IDX\_ET\_CLIPLINK\_SID |
| ET\_CLIPMARKPOINT | IDX\_ET\_CLIPMP\_CLIPID |
| ET\_CLIPMARKPOINT | IDX\_ET\_CLIPMP\_KEYFRAME |
| ET\_CLIPMARKPOINT | IDX\_ET\_CLIPMP\_MARKTYPE |
| ET\_CLIPUMIDATTRIBUTE | IDX\_ET\_CLIPUMIDATT\_CLIPID |
| ET\_COMMONGWSITE | IDX\_ET\_COMMONGWSITE\_SITETYPE |
| ET\_COMMONGWSITE | IDX\_ET\_COMMONGWSITE\_TYPENAME |
| ET\_COMMONGWTASK | IDX\_ET\_COMMONGWTASK\_MATERIAL |
| ET\_COMMONGWTASK | IDX\_ET\_COMMONGWTASK\_NAME |
| ET\_COMMONGWTASK | IDX\_ET\_COMMONGWTASK\_RECEIVE |
| ET\_COMMONGWTASK | IDX\_ET\_COMMONGWTASK\_STATUS |
| ET\_COMMONGWTASK | IDX\_ET\_COMMONGWTASK\_SUBMITTER |
| ET\_COMMONGWTASK | IDX\_ET\_COMMONGWTASK\_TYPECLIPID |
| ET\_COMMONGWTASK | IDX\_ET\_COMMONGWTASK\_TYPESITEID |
| ET\_DELETEBACKUP | IDX\_ET\_DELETEBACKUP |
| ET\_DELETEOBJECT | IDX\_ET\_DELETEOBJECT\_USERID |
| ET\_EXECKEYFRAMETASK | IDX\_ET\_EXECKEYFRAMETASK\_SGUID |
| ET\_EXTENTION | IDX\_ET\_EXTENTION |
| ET\_GETKEYFRAMETASK | IDX\_ET\_GETKEYFRAMETASK\_ADDTIME |
| ET\_GETKEYFRAMETASK | IDX\_ET\_GETKEYFRAMETASK\_STATUS |
| ET\_GROUPCLIPITEM | IDX\_ET\_GROUPCLIPITEM\_GROUPGUID |
| ET\_GROUPCLIPITEM | IDX\_ET\_GROUPCLIPITEM\_ITEMGUID |
| ET\_GROUPSPACE | IDX\_ET\_GROUPSPACE\_SUPPERID |
| ET\_MAMHISTORYTASK | IDX\_ET\_MAMHISTORYTASK\_AGUID |
| ET\_MAMHISTORYTASK | IDX\_ET\_MAMHISTORYTASK\_CGUID |
| ET\_MAMHISTORYTASK | IDX\_ET\_MAMHISTORYTASK\_ID |
| ET\_MAMHISTORYTASK | IDX\_ET\_MAMHISTORYTASK\_PID |
| ET\_MAMRIEVETASK | IDX\_ET\_MAMRIEVETASK\_CLIPGUID |
| ET\_MAMRIEVETASK | IDX\_ET\_MAMRIEVETASK\_ENTITYID |
| ET\_MAMRIEVETASK | IDX\_ET\_MAMRIEVETASK\_PGMID |
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| ET\_MATERIALID | IDX\_ET\_MATERIALID\_OBJECTID |
| ET\_OBJECTPOPEDOM\_DATA | IDX\_ET\_OBJECTPOPEDOM\_DATA\_PID |
| ET\_OBJECTPOPEDOM | IDX\_ET\_OBJECTPOPEDOM\_OWNID |
| ET\_OBJECT | IDX\_ET\_OBJECT\_CDID |
| ET\_OBJECT | IDX\_ET\_OBJECT\_CREATEDATE |
| ET\_OBJECT | IDX\_ET\_OBJECT\_FOLDERID |
| ET\_OBJECT | IDX\_ET\_OBJECT\_GUID |
| ET\_OBJECT | IDX\_ET\_OBJECT\_IDNAME |
| ET\_OBJECT | IDX\_ET\_OBJECT\_MATERIALIDSHOW |
| ET\_OBJECT | IDX\_ET\_OBJECT\_OBJECTTYPE |
| ET\_OBJECT | IDX\_ET\_OBJECT\_SUBTYPE |
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| ET\_PGMRENDERDATA | IDX\_ET\_PGMRENDERDATA\_PGMID |
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| ET\_RESOURCECATALOG | IDX\_ET\_RESOURCECATALOG\_GUID |
| ET\_RESOURCECATALOG | IDX\_ET\_RESOURCECATALOG\_TYPE |
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| ET\_RETRIEVESCHEDULE | IDX\_ET\_RETRIEVESCHEDULE\_OBJID |
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| ET\_SEARCHFOLDER | IDX\_ET\_SEARCHFOLDER\_NAME |
| ET\_SEARCHRESULT | IDX\_ET\_SEARCHRESULT\_FOLDERID |
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| ET\_SERVERLOGININFO | IDX\_ET\_SERVERLOGININFO\_NRTIME |
| ET\_SERVERSENDMPC | IDX\_ET\_SERVERSENDMPC\_GUID |
| ET\_SITEPARAMETER | IDX\_ET\_SITEPARAMETER\_ID |
| ET\_TECHCENSORDATA | IDX\_ET\_TECHCENSORDATA\_PGMID |
| ET\_TEMPLATEINFO | IDX\_ET\_TEMPLATEINFO\_CATID |
| ET\_TEMPLATEINFO | IDX\_ET\_TEMPLATEINFO\_GUID |
| ET\_USERENVIRONMENT | IDX\_ET\_USERENVIRONMENT\_USERID |
| ET\_USERLAYOUTDATA | IDX\_ET\_USERLAYOUTDATA\_UID |
| ET\_USERPARAMETER | IDX\_ET\_USERPARAMETER\_USERID |
| ET\_USERSELECTPEPATH | IDX\_ET\_USERSELECTPEPATH\_USERID |
| ET\_USERSITEPARAMETER | IDX\_ET\_USERSITEPARAMETER\_ID |
| ET\_USERSITEPARAMETER | IDX\_ET\_USERSITEPARAMETER\_USID |
| ET\_USERSPACE | IDX\_ET\_USERSPACE\_GROUPID |
| ET\_USERTEMPLATE | IDX\_ET\_USERTEMPLATE\_UID |
| ET\_USERTERMINALCONFIG | IDX\_ET\_USERTERMINALCONFIG\_ID |
| ET\_USERTERMINALCONFIG | IDX\_ET\_USERTERMINALCONFIG\_SID |
| ET\_USERTERMINAL | IDX\_ET\_USERTERMINAL\_ID |
| ET\_USERTERMINAL | IDX\_ET\_USERTERMINAL\_UID |
| ET\_USER\_COLUMNCUSTOM | IDX\_ET\_USER\_COLUMNCUSTOM\_ID |
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| DBP\_MATERIAL\_BACKUP | IDX\_IMATERIAL\_SB |
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| DBP\_TASK\_BACKUP | IDX\_ITASK\_CHIDB |
| DBP\_TASK | IDX\_ITASK\_END |
| DBP\_TASK\_BACKUP | IDX\_ITASK\_ENDB |
| DBP\_TASK | IDX\_ITASK\_SD |
| DBP\_TASK\_BACKUP | IDX\_ITASK\_SDB |
| DBP\_TASK | IDX\_ITASK\_SS |
| DBP\_TASK\_BACKUP | IDX\_ITASK\_SSB |
| DBP\_TASK | IDX\_ITASK\_ST |
| DBP\_TASK\_BACKUP | IDX\_ITASK\_STB |
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| SMM\_DEVICEMANAGE | IDX\_SMM\_DEVICEMANAGE\_CID |
| SMM\_DEVICE\_USE\_RECORD\_HISTORY | IDX\_SMM\_DEVICE\_USE\_H\_LOGINTIME |
| SMM\_DEVICE\_USE\_RECORD | IDX\_SMM\_DEVICE\_USE\_RECORD\_IDIP |
| SMM\_POPEDOMLIST | IDX\_SMM\_POPEDOMLIST\_POPEDOMID |
| SMM\_ROLEPOPEDOM | IDX\_SMM\_ROLEPOPEDOM\_ROLEID |
| SMM\_SYSTEMSETTING | IDX\_SMM\_SYSTEMSETTING\_TYPENAME |
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| SMM\_TARIFF\_TEMPLET | IDX\_SMM\_TARIFF\_TEMPLET\_DTID |
| SMM\_TARIFF\_TEMPLET\_DETAIL | IDX\_SMM\_TARIFF\_TMPT\_DTL\_TEMID |
| SMM\_TRANSACTION | IDX\_SMM\_TRANSACTION |
| SMM\_USER\_CLASS\_RELATION | IDX\_SMM\_UC\_RELATION\_USERID |
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| SMM\_USERINFO | IDX\_SMM\_USERINFO\_LNAME |
| SMM\_USERLOGININFO | IDX\_SMM\_USERLOGINFO\_USERIDSYS |
| SMM\_USERLOGININFO | IDX\_SMM\_USERLOGININFO\_IP |
| SMM\_USERLOGININFO | IDX\_SMM\_USERLOGININFO\_OUTTIME |
| SMM\_USERLOGININFO\_HISTORY | IDX\_SMM\_USERLOGIN\_HIS\_LOGINTM |
| SMM\_USERPOPEDOM | IDX\_SMM\_USERPOPEDOM\_POPEDOMID |
| SMM\_USERPOPEDOM | IDX\_SMM\_USERPOPEDOM\_TYPENAME |
| SMM\_USERPOPEDOM | IDX\_SMM\_USERPOPEDOM\_USERID |
| SMM\_USERPOPEDOM | IDX\_SMM\_USERPOPEDOM\_USERNAME |
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| SMM\_USERINFO | IND\_SMM\_USERINFO\_USERCODE |
| SMM\_USERLOGININFO | IND\_SMM\_USERLOGININFO\_USERID |
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| TASKINFO\_REMOTE | KEY\_GUID\_1 |
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| DBP\_CHN\_EXTENDDATA | PK\_CHN\_EXTENDDATA |
| DBP\_ARCHIVETYPE | PK\_DBP\_ARCHIVETYPE |
| DBP\_AUDIOTYPE | PK\_DBP\_AUDIOTYPE |
| DBP\_MSGCONTROL | PK\_DBP\_AUTOSTORER |
| DBP\_CARRIERES | PK\_DBP\_CARRIERES |
| DBP\_CHANNELGROUPMAP | PK\_DBP\_CHANNELGROUPMAP |
| DBP\_CAPTURECHANNELS | PK\_DBP\_CHANNELS |
| DBP\_DEV\_CONN | PK\_DBP\_DEV\_CONN |
| DBP\_TASK\_ERRORINFO | PK\_DBP\_ERRORINFO |
| DBP\_GLOBAL | PK\_DBP\_GLOBAL |
| DBP\_GLOBAL\_STATE | PK\_DBP\_GLOBAL\_STATE |
| DBP\_GPI\_INFO | PK\_DBP\_GPI\_INFO |
| DBP\_GPI\_MAP | PK\_DBP\_GPI\_MAP |
| DBP\_IMPORT\_TASK | PK\_DBP\_IMPORT\_TASK |
| DBP\_LEVELRELATION | PK\_DBP\_LEVELRELATION |
| DBP\_LOG\_ACTION | PK\_DBP\_LOG\_ACTION |
| DBP\_LOG\_EVENT | PK\_DBP\_LOG\_EVENT |
| DBP\_LOG\_FOLDER | PK\_DBP\_LOG\_FOLDER |
| DBP\_LOG\_MEMBER | PK\_DBP\_LOG\_MEMBER |
| DBP\_LOG\_MONITOR | PK\_DBP\_LOG\_MONITOR |
| DBP\_LOG\_OBJECT | PK\_DBP\_LOG\_OBJECT |
| DBP\_LOG\_SCENARIO | PK\_DBP\_LOG\_SCENARIO |
| DBP\_LOG\_SYSSETING | PK\_DBP\_LOG\_SYSSETING |
| DBP\_LOG\_TEAM | PK\_DBP\_LOG\_TEAM |
| DBP\_LOG\_USERSETTING | PK\_DBP\_LOG\_USERSETTING |
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| DBP\_MAPOUTPORT | PK\_DBP\_MAPOUTPORT |
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| DBP\_MATERIAL\_BACKUP | PK\_DBP\_MATERIAL\_BACKUP |
| DBP\_MATERIAL\_DURATION | PK\_DBP\_MATERIAL\_DURATION |
| DBP\_MATERIAL\_VIDEO | PK\_DBP\_MATERIAL\_VIDEO |
| DBP\_MATERIAL\_VIDEO\_BACKUP | PK\_DBP\_MATERIAL\_VIDEO\_BACKUP |
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| DBP\_MATRIXROUT | PK\_DBP\_MATRIXROUT |
| DBP\_MATRIXTYPEINFO | PK\_DBP\_MATRIXTYPEINFO |
| DBP\_CAPTUREDEVICE | PK\_DBP\_MEDIAGATE |
| DBP\_MESSAGES | PK\_DBP\_MESSAGES |
| DBP\_MESSAGE\_REGISTER | PK\_DBP\_MESSAGE\_REGISTER |
| DBP\_MSMQMSG | PK\_DBP\_MSMQMSG |
| DBP\_MSMQMSG\_FAILED | PK\_DBP\_MSMQMSG\_FAILED |
| DBP\_MSVCHANNEL\_STATE | PK\_DBP\_MSVCHANNEL\_STATE |
| DBP\_NEWIMPORT\_TASK | PK\_DBP\_NEWIMPORT\_TASK |
| DBP\_PLANS | PK\_DBP\_PLANS |
| DBP\_POLICYTASK | PK\_DBP\_POLICYTASK |
| DBP\_POLICYUSER | PK\_DBP\_POLICYUSER |
| DBP\_POLICYUSERCLASS | PK\_DBP\_POLICYUSERCLASS |
| DBP\_PROGRAMPARAM\_MAP | PK\_DBP\_PROGRAMPARAM |
| DBP\_RECDEVICE\_TYPE | PK\_DBP\_RECDEVICE\_TYPE |
| DBP\_RCDOUTDESC | PK\_DBP\_RECOUTDESC0 |
| DBP\_CHANNEL\_RECMAP | PK\_DBP\_RECOUTDESC3 |
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| DBP\_ROUTERCTROLSETTING | PK\_DBP\_ROUTER |
| DBP\_SCHEDULER | PK\_DBP\_SCHEDULER |
| DBP\_SCHEDULER\_RECUNIT | PK\_DBP\_SCHEDULER\_RECUNIT |
| DBP\_SETTINGS | PK\_DBP\_SETTINGS |
| DBP\_SIGNALGROUP | PK\_DBP\_SIGNALGROUP |
| DBP\_SIGNALSRC | PK\_DBP\_SIGNALSRC |
| DBP\_SIGNALSRCGROUPMAP | PK\_DBP\_SIGNALSRCGROUPMAP |
| DBP\_SIGNAL\_DEVICE\_MAP | PK\_DBP\_SIGNAL\_DEVICE\_MAP |
| DBP\_SIGNAL\_SOURCE | PK\_DBP\_SIGNAL\_SOURCE |
| DBP\_SIGNAL\_TYPE | PK\_DBP\_SIGNAL\_TYPE |
| DBP\_SIGNAL\_RECMAP | PK\_DBP\_SIGREC |
| DBP\_SIG\_REC\_TYPE\_MAP | PK\_DBP\_SIG\_REC\_TYPE\_MAP |
| DBP\_TASK | PK\_DBP\_TASK |
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| DBP\_TASK\_BACKUP | PK\_DBP\_TASK\_BACKUP |
| DBP\_TASK\_METADATA | PK\_DBP\_TASK\_METADATA |
| DBP\_TASK\_METADATA\_BACKUP | PK\_DBP\_TASK\_METADATA\_BACKUP |
| DBP\_TASK\_SOURCE | PK\_DBP\_TASK\_SOURCE |
| DBP\_TRANSCODE\_POLICY | PK\_DBP\_TRANSCODE\_POLICY |
| DBP\_TRANSCODE\_TEMPLATE | PK\_DBP\_TRANSCODE\_TEMPLATE |
| DBP\_TRANSFER\_POLICY | PK\_DBP\_TRANSFER\_POLICY |
| DBP\_TRANSFER\_TEMPLATE | PK\_DBP\_TRANSFER\_TEMPLATE |
| DBP\_USERPARAM\_MAP | PK\_DBP\_USERPARAM\_MAP |
| DBP\_USERSETTINGS | PK\_DBP\_USERSETTINGS |
| DBP\_USERTEMPLATE | PK\_DBP\_USERTEMPLATE |
| DBP\_VIDOETYPE | PK\_DBP\_VIDOETYPE |
| DBP\_VIRTUALMATRIXINPORT | PK\_DBP\_VIRTUALMATRIXINPORT |
| DBP\_VIRTUALMATRIXPORTSTATE | PK\_DBP\_VIRTUALMATRIXPORTSTATE |
| DBP\_XDCAM\_DEV\_PLAN\_MAP | PK\_DBP\_XDCAM\_DEV\_PLAN\_MAP |
| DBP\_XDCAM\_DISC\_MATERIAL | PK\_DBP\_XDCAM\_DISC\_MATERIAL |
| DBP\_XDCAM\_MATERIAL\_DEV\_MAP | PK\_DBP\_XDCAM\_MATERIAL\_DEV\_MAP |
| DBP\_XDCAM\_TASK | PK\_DBP\_XDCAM\_TASK |
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| DOC\_USERLOCK | PK\_DOC\_USERLOCK |
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| ET\_ARCHIVESCHEDULE | PK\_ET\_ARCHIVESCHEDULE |
| ET\_BACKGROUNDTASK | PK\_ET\_BACKGROUNDTASK |
| ET\_CDINFO | PK\_ET\_CDINFO |
| ET\_CENSORINFO | PK\_ET\_CENSORINFO |
| ET\_CLIPEVENT | PK\_ET\_CLIPEVENT |
| ET\_CLIPFILE | PK\_ET\_CLIPFILE |
| ET\_CLIPFILEDELETEQUEUE | PK\_ET\_CLIPFILEDELETEQUEUE |
| ET\_CLIPINFO | PK\_ET\_CLIPINFO |
| ET\_CLIPLINK | PK\_ET\_CLIPLINK |
| ET\_CLIPMARKPOINT | PK\_ET\_CLIPMARKPOINT |
| ET\_CLIPORIGINALMETADATA | PK\_ET\_CLIPORIGINALMETADATA |
| ET\_CLIPSOURCELIST | PK\_ET\_CLIPSOURCELIST |
| ET\_CLIPUMIDATTRIBUTE | PK\_ET\_CLIPUMIDATTRIBUTE |
| ET\_COLUMNCUSTOM\_DEFAULT | PK\_ET\_COLUMNCUSTOM\_DEFAULT |
| ET\_COLUMNPOLICY | PK\_ET\_COLUMNPOLICY |
| ET\_COLUMNSPACE | PK\_ET\_COLUMNSPACE |
| ET\_COLUMN\_CLIP\_SPACE | PK\_ET\_COLUMN\_CLIP\_SPACE |
| ET\_COLUMN\_USER\_SPACE | PK\_ET\_COLUMN\_USER\_SPACE |
| ET\_COMMONGWSITE | PK\_ET\_COMMONGWSITE |
| ET\_COMMONGWSITE\_DATA | PK\_ET\_COMMONGWSITE\_DATA |
| ET\_COMMONGWTASK | PK\_ET\_COMMONGWTASK |
| ET\_COMMONGWTASK\_DATA | PK\_ET\_COMMONGWTASK\_DATA |
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| ET\_DELETEFILEFAIL | PK\_ET\_DELETEFILEFAIL |
| ET\_DELETEOBJECT | PK\_ET\_DELETEOBJECT |
| ET\_DEVICEINFO | PK\_ET\_DEVICEINFO |
| ET\_EDLINFO | PK\_ET\_EDLINFO |
| ET\_EXECKEYFRAMETASK | PK\_ET\_EXECKEYFRAMETASK |
| ET\_FOLDER | PK\_ET\_FOLDER |
| ET\_FOLDERPOLICY | PK\_ET\_FOLDERPOLICY |
| ET\_GETKEYFRAMETASK | PK\_ET\_GETKEYFRAMETASK |
| ET\_GROUPSPACE | PK\_ET\_GROUPSPACE |
| ET\_INGESTMETADATA | PK\_ET\_INGESTMETADATA |
| ET\_LANGUAGEINFO | PK\_ET\_LANGUAGEINFO |
| ET\_MAMHISTORYTASK | PK\_ET\_MAMHISTORYTASK |
| ET\_MAMRIEVETASK | PK\_ET\_MAMRIEVETASK |
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| ET\_MARKEXTENDINFO\_DATA | PK\_ET\_MARKEXTENDINFO\_DATA |
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| ET\_METADATADEF | PK\_ET\_METADATADEF |
| ET\_METADATA\_MAPPING | PK\_ET\_METADATA\_MAPPING |
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| ET\_OBJECTPOPEDOM\_DATA | PK\_ET\_OBJECTPOPEDOM\_DATA |
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| ET\_RETRIEVESCHEDULE | PK\_ET\_RETRIEVESCHEDULE |
| ET\_SEARCHFOLDER | PK\_ET\_SEARCHFOLDER |
| ET\_SEARCHRESULT | PK\_ET\_SEARCHRESULT |
| ET\_SERVERENVIRONMENT | PK\_ET\_SERVERENVIRONMENT |
| ET\_SERVERLOGININFO | PK\_ET\_SERVERLOGININFO |
| ET\_SERVERSENDMPC | PK\_ET\_SERVERSENDMPC |
| ET\_SITEDEF | PK\_ET\_SITEDEF |
| ET\_SITEPARAMETER | PK\_ET\_SITEPARAMETER |
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| ET\_TECHCENSORDATA | PK\_ET\_TECHCENSORDATA |
| ET\_TEMPLATEINFO | PK\_ET\_TEMPLATEINFO |
| ET\_TEMPLATEOBJECT | PK\_ET\_TEMPLATEOBJECT |
| ET\_USERENVIRONMENT | PK\_ET\_USERENVIRONMENT |
| ET\_USERLAYOUTDATA | PK\_ET\_USERLAYOUTDATA |
| ET\_USERPARAMETER | PK\_ET\_USERPARAMETER |
| ET\_USERPARAMETER\_DEF | PK\_ET\_USERPARAMETER\_DEF |
| ET\_USERSITEPARAMETER | PK\_ET\_USERSITEPARAMETER |
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| ET\_USERTEMPLATE | PK\_ET\_USERTEMPLATE |
| ET\_USERTERMINAL | PK\_ET\_USERTERMINAL |
| ET\_USERTERMINALCONFIG | PK\_ET\_USERTERMINALCONFIG |
| ET\_USERTERMINALDEF | PK\_ET\_USERTERMINALDEF |
| ET\_USER\_COLUMNCUSTOM | PK\_ET\_USER\_COLUMNCUSTOM |
| DBP\_GLOBAL\_PROGRAM | PK\_GLOBAL\_PGM |
| DBP\_LOG\_LANGUAGEMAP | PK\_LOG\_LANGMAP |
| DBP\_LOG\_LANGUAGEINFO | PK\_LOG\_LANGUAGE |
| DBP\_LOG\_SCENARIOACTIONMAP | PK\_LOG\_SCENARIOACTIONMAP |
| DBP\_LOG\_SCENARIOEVENTMAP | PK\_LOG\_SCENARIOEVENTMAP |
| DBP\_LOG\_SCENARIOTEAMMAP | PK\_LOG\_SCENARIOTEAMMAP |
| DBP\_LOG\_SCENTEAMMEMBERMAP | PK\_LOG\_SCENTEAMMEMBERMAP |
| DBP\_LOG\_TEAMMEMBERMAP | PK\_LOG\_TEAMMEMBERMAP |
| DBP\_METADATAPOLICY | PK\_METALOICYID |
| GTM\_MODULETASKS | PK\_MODULETASKS |
| MPC\_CLIPDATA | PK\_MPC\_CLIPDATA |
| MPC\_CODECTEMPL | PK\_MPC\_CODECTEMPL\_NAME |
| MPC\_CODECTEMPL | PK\_MPC\_DOCECTEMPL\_ID |
| MPC\_POLICY | PK\_MPC\_POLICY |
| MPC\_SYSPARAM | PK\_MPC\_SYSPARAM |
| DBP\_USERPARAMLOG | PK\_PARAMLOG |
| MOS\_PLANINFO | PK\_PLANID |
| DBP\_RCDINDESC | PK\_RCDINDESC0 |
| MOS\_ARCHIVESTORY | PK\_ROID\_STORYID |
| SBT\_AIRUSERINFO | PK\_SBT\_AIRUSERINFO |
| SBT\_BASEDATAINFO | PK\_SBT\_BASEDATAINFO |
| SBT\_CARRYINFO | PK\_SBT\_CARRYINFO |
| SBT\_CGEVENT | PK\_SBT\_CGEVENT |
| SBT\_CGPLAYLIST | PK\_SBT\_CGPLAYLIST |
| SBT\_CHANNELGROUP | PK\_SBT\_CHANNELGROUP |
| SBT\_CONTROLCHANNEL | PK\_SBT\_CONTROLCHANNEL |
| SBT\_CONTROLSERVER | PK\_SBT\_CONTROLSERVER |
| SBT\_DELTASK | PK\_SBT\_DELTASK |
| SBT\_EVENTINFO | PK\_SBT\_EVENTINFO |
| SBT\_EVENTMATERIAL | PK\_SBT\_EVENTMATERIAL |
| SBT\_GTMCACHE | PK\_SBT\_GTMCACHE |
| SBT\_INTERFACE | PK\_SBT\_INTERFACE |
| SBT\_MATERIALINFO | PK\_SBT\_MATERIALINFO |
| SBT\_MATERIALSERVER | PK\_SBT\_MATERIALSERVER |
| SBT\_MODIFYHISTORY | PK\_SBT\_MODIFYHISTORY |
| SBT\_PLAYCHANNEL | PK\_SBT\_PLAYCHANNEL |
| SBT\_PLAYHISTORY | PK\_SBT\_PLAYHISTORY |
| SBT\_PLAYLIST | PK\_SBT\_PLAYLIST |
| SBT\_PLAYLISTFORMAT | PK\_SBT\_PLAYLISTFORMAT |
| SBT\_PLAYLISTSTORY | PK\_SBT\_PLAYLISTSTORY |
| SBT\_RECYCLEINFO | PK\_SBT\_RECYCLEINFO |
| SBT\_SEQUENCELINK | PK\_SBT\_SEQUENCELINK |
| SBT\_SERVERINFO | PK\_SBT\_SERVERINFO |
| SBT\_SOURCEINFO | PK\_SBT\_SOURCEINFO |
| SBT\_STORYEVENT | PK\_SBT\_STORYEVENT |
| SBT\_STORYINFO | PK\_SBT\_STORYINFO |
| SBT\_STUDIOCONTROL | PK\_SBT\_STUDIOCONTROL |
| SBT\_STUDIOINFO | PK\_SBT\_STUDIOINFO |
| SBT\_STUDIOPLAYLIST | PK\_SBT\_STUDIOPLAYLIST |
| SBT\_STUDIOPLAYSERVER | PK\_SBT\_STUDIOPLAYSERVER |
| SBT\_TASKINFO | PK\_SBT\_TASKINFO |
| SBT\_TEMPLATEINFO | PK\_SBT\_TEMPLATEINFO |
| SBT\_USERINSTUDIO | PK\_SBT\_USERINSTUDIO |
| SBT\_USERLAYOUTTEMPLATE | PK\_SBT\_USERLAYOUTTEMPLATE |
| SBT\_USERLAYOUTWINDOW | PK\_SBT\_USERLAYOUTWINDOW |
| SBT\_USERPARAM | PK\_SBT\_USERPARAM |
| SBT\_VTR | PK\_SBT\_VTR |
| SBT\_WORKFLOWCACHE | PK\_SBT\_WORKFLOWCACHE |
| SB\_LOG\_ACTIONSTAGE | PK\_SB\_LOG\_ACTIONSTAGE |
| SB\_LOG\_CATALOG | PK\_SB\_LOG\_CATALOGSYSTEM |
| SB\_LOG\_EVENT | PK\_SB\_LOG\_EVENT |
| SB\_LOG\_GAMES | PK\_SB\_LOG\_GAMES |
| SB\_LOG\_ACTION | PK\_SB\_LOG\_GAMETEMPLATE |
| SB\_LOG\_LAYOUT | PK\_SB\_LOG\_LAYOUT |
| SB\_LOG\_MEMBER | PK\_SB\_LOG\_MEMBER |
| SB\_LOG\_MONITOR | PK\_SB\_LOG\_MONITOR |
| SB\_LOG\_ROLE | PK\_SB\_LOG\_ROLE |
| SB\_LOG\_SCENARIO | PK\_SB\_LOG\_SCENARIO |
| SB\_LOG\_SYSTEMSETTING | PK\_SB\_LOG\_SYSTEMSETTING |
| SB\_LOG\_TASK | PK\_SB\_LOG\_TASK |
| SB\_LOG\_TASKRECORD | PK\_SB\_LOG\_TASKRECORD |
| SB\_LOG\_TEAM | PK\_SB\_LOG\_TEAM |
| SB\_LOG\_TEAMGAMEMAP | PK\_SB\_LOG\_TEAMGAMEMAP |
| SB\_LOG\_TEAMMEMBERMAP | PK\_SB\_LOG\_TEAMMEMBERMAP |
| SB\_LOG\_STAGEEVENTMAP | PK\_SB\_LOG\_TEMPLATEEVENTMAP |
| SB\_LOG\_USERSETTINGS | PK\_SB\_LOG\_USERSETTINGS |
| SB\_LOG\_USERTEMPLATE | PK\_SB\_LOG\_USERTEMPLATE |
| DBP\_SIGNALSRC\_MASTERBACKUP | PK\_SIGNALSRCID |
| SMM\_CHANNEL | PK\_SMM\_CHANNEL |
| SMM\_COLUMN | PK\_SMM\_COLUMN |
| SMM\_COLUMNNLEPOLICY | PK\_SMM\_COLUMNNLEPOLICY |
| SMM\_DEVICEINFO | PK\_SMM\_DEVICEINFO |
| SMM\_DEVICEMANAGE | PK\_SMM\_DEVICEMANGE |
| SMM\_DEVICETYPE | PK\_SMM\_DEVICETYPE |
| SMM\_DEVICE\_APPLY | PK\_SMM\_DEVICE\_APPLY |
| SMM\_DEVICE\_USE\_RECORD\_HISTORY | PK\_SMM\_DEVICE\_USE\_HISTORY |
| SMM\_DEVICE\_USE\_RECORD | PK\_SMM\_DEVICE\_USE\_RECORD |
| SMM\_DEVICE\_USE\_STAT | PK\_SMM\_DEVICE\_USE\_STAT |
| SMM\_EDITION | PK\_SMM\_EDITION |
| SMM\_POPEDOMLIST | PK\_SMM\_POPEDOMLIST |
| SMM\_POPEDOMTYPE | PK\_SMM\_POPEDOMTYPE |
| SMM\_ROLE | PK\_SMM\_ROLE |
| SMM\_ROLEPOPEDOM | PK\_SMM\_ROLEPOPEDOM |
| SMM\_SYSPARATYPE | PK\_SMM\_SYSPARATYPE |
| SMM\_SYSTEMSETTING | PK\_SMM\_SYSTEMSETTING |
| SMM\_TARIFF\_DATE\_SET | PK\_SMM\_TARIFF\_SET |
| SMM\_TARIFF\_TEMPLET | PK\_SMM\_TARIFF\_TEMPLET |
| SMM\_TARIFF\_TEMPLET\_DETAIL | PK\_SMM\_TARIFF\_TEMPLET\_DETAIL |
| SMM\_TRANSACTION | PK\_SMM\_TRANSACTION |
| SMM\_UPDATEINFO | PK\_SMM\_UPDATEINFO |
| SMM\_USERCLASS | PK\_SMM\_USERCLASS |
| SMM\_USERINFO | PK\_SMM\_USERINFO |
| SMM\_USERLOGININFO | PK\_SMM\_USERLOGININFO |
| SMM\_USERLOGININFO\_HISTORY | PK\_SMM\_USERLOGININFO\_HISTORY |
| SMM\_USERPOPEDOM | PK\_SMM\_USERPOPEDOM |
| SMM\_USER\_ADDRESS\_LIST | PK\_SMM\_USER\_ADDRESS\_LIST |
| SMM\_USER\_CLASS\_RELATION | PK\_SMM\_USER\_CLASS\_RELATION |
| SMM\_USER\_ROLE | PK\_SMM\_USER\_ROLE |
| SONAPS\_USERPERSONALIZEDINFO | PK\_SONAPS\_USERPERSONALIZEDINFO |
| VTR\_TAPE\_VTR\_MAP | PK\_TAPE\_VTR\_MAP |
| DBP\_TASK\_SIGNALSRC\_BACKUPTASK | PK\_TASKID |
| GTM\_TASKSTEPS | PK\_TASKSTEPS |
| DBP\_CAPTUREPARAMTEMPLATE | PK\_USERPARAM |
| VTR\_DETAILINFO | PK\_VTR\_DETAILINFO |
| VTR\_DOWNLOAD\_MATERIALLIST | PK\_VTR\_DOWNLOAD\_MATERIALLIST |
| VTR\_RECORDTASK | PK\_VTR\_RECORDTASK |
| VTR\_TAPELIST | PK\_VTR\_TAPELIST |
| VTR\_TASKINFO | PK\_VTR\_TASKINFO |
| VTR\_TASK\_INOUT | PK\_VTR\_TASK\_INOUT |
| VTR\_TASK\_MEATDATA | PK\_VTR\_TASK\_MEATDATA |
| VTR\_TYPEINFO | PK\_VTR\_TYPEINFO |
| VTR\_UPLOADTASK | PK\_VTR\_UPLOADTASK |
| DCM\_WEBKEYVALUE | PK\_WEBKEYVALUE |
| GTM\_WORKFLOWS | PK\_WORKFLOWS |
| DBP\_XDCAM\_DEVICE | PK\_XDCAM\_DEVICE |
| DBP\_XDCAM\_DISKINFO | PK\_XDCAM\_DISKINFO |
| DBP\_XDCAM\_TASKFILE | PK\_XDCAM\_TASKFILE |
| DBP\_XDCAM\_TASK\_METADATA | PK\_XDCAM\_TASK\_META |
| SBT\_CGEVENT | SBT\_CGEVENT\_IDXNEVENTID |
| SBT\_CGEVENT | SBT\_CGEVENT\_IDXNMATERIAL |
| SBT\_CGEVENT | SBT\_CGEVENT\_IDXTYPE |
| SBT\_EVENTINFO | SBT\_EVENTINFO\_IDXBEDELETE |
| SBT\_EVENTINFO | SBT\_EVENTINFO\_IDXCURVERSION |
| SBT\_EVENTINFO | SBT\_EVENTINFO\_IDXEVENTID |
| SBT\_EVENTMATERIAL | SBT\_EVENTMATERIAL\_IDXEV |
| SBT\_EVENTMATERIAL | SBT\_EVENTMATERIAL\_IDXEVENTID |
| SBT\_EVENTMATERIAL | SBT\_EVENTMATERIAL\_IDXMID |
| SBT\_MATERIALINFO | SBT\_MATERIALINFO\_IDXMATERIALID |
| SBT\_MATERIALINFO | SBT\_MATERIALINFO\_IDXSID |
| SBT\_MATERIALSERVER | SBT\_MATERIALSERVER\_IDXMID |
| SBT\_MATERIALSERVER | SBT\_MATERIALSERVER\_IDXNSTATUS |
| SBT\_MATERIALSERVER | SBT\_MATERIALSERVER\_IDXSERVERID |
| SBT\_MODIFYHISTORY | SBT\_MODIFYHISTORY\_IDXAT |
| SBT\_PLAYHISTORY | SBT\_PLAYHISTORY\_IDXOBJECTID |
| SBT\_PLAYLISTSTORY | SBT\_PLAYLISTSTORY\_IDXLISTID |
| SBT\_PLAYLISTSTORY | SBT\_PLAYLISTSTORY\_IDXPREID |
| SBT\_PLAYLISTSTORY | SBT\_PLAYLISTSTORY\_IDXSTORYID |
| SBT\_PLAYLIST | SBT\_PLAYLIST\_IDXLISTID |
| SBT\_PLAYLIST | SBT\_PLAYLIST\_IDXSTUDIOID |
| SBT\_SOURCEFILEINFO | SBT\_SOURCEFILEINFO\_IDXSID |
| SBT\_STORYEVENT | SBT\_STORYEVENT\_IDXEVENTD |
| SBT\_STORYEVENT | SBT\_STORYEVENT\_IDXPREID |
| SBT\_STORYEVENT | SBT\_STORYEVENT\_IDXSTORYID |
| SBT\_STORYINFO | SBT\_STORYINFO\_IDXBEDELETE |
| SBT\_STORYINFO | SBT\_STORYINFO\_IDXSTORYID |
| SBT\_STUDIOINFO | SBT\_STUDIOINFO\_IDXSTUDIOCODE |
| SBT\_TASKINFO | SBT\_TASKINFO\_IDXISTUDIOID |
| SBT\_TASKINFO | SBT\_TASKINFO\_IDXMATERIALID |
| SBT\_TASKINFO | SBT\_TASKINFO\_IDXSTATUS |
| SMM\_LOGINNUMBER\_LIMIT | SYS\_C0029086 |
| DBP\_IP\_DATACHANNELINFO | SYS\_C007227 |
| DBP\_IP\_DEVICE | SYS\_C007229 |
| DBP\_IP\_PROGRAMME | SYS\_C007232 |
| DBP\_IP\_VIRTUALCHANNEL | SYS\_C007235 |
| DBP\_STREAMMEDIA | SYS\_C007421 |
| MOS\_MERGEINDEX | SYS\_C007786 |
| SBT\_CARRYINFO | U\_CARRYNAME |
| SBT\_PLAYCHANNEL | U\_CHANNELNAME |
| SBT\_DELTASK | U\_DELTASK |
| SBT\_CHANNELGROUP | U\_GROUPNAME |
| SBT\_INTERFACE | U\_INTERFACENAME |
| SBT\_CONTROLSERVER | U\_PCNAME |
| SBT\_SERVERINFO | U\_SERVERNAME |
| SBT\_CHANNELGROUP | U\_SHOWNO |
| SBT\_STUDIOINFO | U\_STUDIONAME |
| SBT\_TASKINFO | U\_TASKINFO |
| SBT\_VTR | U\_VTRNAME |